REPORT RESUMES

ED 016 795 VT 002 827

SCHOOL AND COMMUNITY FACTORS IN EMPLOYMENT SUCCESS OF TRADE AND INDUSTRIAL COURSE GRADUATES. FINAL REPORT.

BY- ALTMAN, JAMES W. MORRISON, EDWARD J.
AMERICAN INST. FOR RESEARCH IN BEHAVIORAL SCIENCES

REPORT NUMBER AIR-E26-8/66-FR PUB DATE AUG 66
EDRS PRICE MF-$1.25 HC-$11.28 280P.

DESCRIPTORS- *HIGH SCHOOL GRADUATES, COMPREHENSIVE HIGH SCHOOLS, VOCATIONAL HIGH SCHOOLS, *TRADE AND INDUSTRIAL EDUCATION, *SCHOOL COMMUNITY RELATIONSHIP, JOB PLACEMENT, *EMPLOYMENT PROGRAMS, PROGRAM EVALUATION, *PROGRAM IMPROVEMENT,

THE STUDY WAS CONDUCTED TO (1) IDENTIFY SCHOOL AND COMMUNITY FACTORS RELATED TO THE PLACEMENT AND EMPLOYMENT SUCCESS OF TRADE AND INDUSTRY COURSE GRADUATES FROM VOCATIONAL AND COMPREHENSIVE PUBLIC HIGH SCHOOLS, AND (2) DEVELOP BROAD RECOMMENDATIONS FOR IMPROVEMENT OF THE PLACEMENT AND EMPLOYMENT PERFORMANCE OF SCHOOLS. SELECTED FROM A PREVIOUS STUDY WERE 16 SCHOOL-COMMUNITY SYSTEMS, EIGHT COMPREHENSIVE AND EIGHT VOCATIONAL, WHOSE GRADUATES WERE RELATIVELY SUCCESSFUL IN OBTAINING JOBS RELATED TO THEIR TRAINING, STAYING EMPLOYED, AND DERIVING SATISFACTION FROM THEIR WORK. ANOTHER SET OF 16 SCHOOLS, WHOSE GRADUATES WERE RELATIVELY UNSUCCESSFUL BY THE SAME SUCCESS CRITERIA, WAS SELECTED. DATA WERE COLLECTED BY INTERVIEWS WITH REPRESENTATIVES OF EACH SCHOOL, COMMUNITY ORGANIZATIONS, LABOR UNIONS, EMPLOYERS, AND EMPLOYMENT SECURITY OFFICES, AND BY A 75 PERCENT RETURN OF MAILED GRADUATE ASSESSMENT SHEETS. RELATIONS BETWEEN CHARACTERISTICS OF THE SCHOOL-COMMUNITY SYSTEMS AND PLACMENT-EMPLOYMENT SUCCESS OF GRADUATES WERE STUDIED BY A VARIETY OF STATISTICAL AND ANALYTIC TECHNIQUES. THE MAJOR FACTOR DISTINGUISHING BETWEEN SUCCESSFUL AND UNSUCCESSFUL SCHOOL-COMMUNITY SYSTEMS WAS THE ROLE OF THE SCHOOL IN PLACING GRADUATES. SUPERIOR JOB PLACEMENT WAS ACHIEVED WHEN SCHOOL PERSONNEL HELPED WITH PLACEMENT IN AN ORGANIZED, ACTIVE PLACEMENT PROGRAM. FAVORABLE RELATIONS BETWEEN THE SCHOOL AND MAJOR ELEMENTS OF THE COMMUNITY, ESPECIALLY IN CONTACTS BETWEEN THEM, WERE FOUND TO BE ESSENTIAL FOR A SUCCESSFUL PLACEMENT PROGRAM. THE INSTRUMENTS, DATA COLLECTED, AND SCHOOL-COMMUNITY SYSTEM CHARACTERISTICS EXAMINED ARE INCLUDED IN THE APPENDIXES, A MAJOR PART OF THE DOCUMENT. (MM)

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SCHOOL AND COMMUNITY FACTORS IN EMPLOYMENT SUCCESS OF TRADE AND INDUSTRY COURSE GRADUATES

MEN'S S
DRY CLEANING
TAILORING
REAL ESTATE
MACHINE SHOP
Hair Stylist
LOU'S GARAGE
LOU'S GARAGE
RESTAURANT
SERVICE STATION
GAS
PLUMBING
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SCHOOL AND COMMUNITY FACTORS IN EMPLOYMENT SUCCESS OF TRADE AND INDUSTRY COURSE GRADUATES

Final Report
Contract No. MDTA-37-64

2 James W. Altman
2 Edward J. Morrison

August 1966

The material in this report was prepared under a contract with the Office of Manpower Policy, Evaluation, and Research, U. S. Department of Labor, under the authority of Title I of the Manpower Development and Training Act of 1962, as amended. Researchers undertaking such projects under Government sponsorship are encouraged to express freely their professional judgment. Therefore, points of view or opinions stated in this document do not necessarily represent the official position or policy of the Department of Labor.

Institute for Performance Technology
AMERICAN INSTITUTES FOR RESEARCH
Pittsburgh, Pennsylvania

ACKNOWLEDGMENTS

Completion of this study depended upon the support, cooperation, and assistance of many institutions and literally hundreds of individuals at various times, for various periods, and in various roles.

Acknowledgment is due first to the Office of Manpower Policy, Evaluation, and Research of the United States Department of Labor, and especially to Dr. Howard Rosen, Mr. William Paschell, and Miss Bella Schwartz for providing the interest, financial support, and administrative help necessary to initiate and conduct the study.

Though it is not possible to recognize each by name, our largest debt clearly is to the students and to the representatives of schools, business firms, labor unions, Employment Security Offices, and community organizations who voluntarily supplied the extensive data required for the study.

Thanks are due to the many members of the A.I.R. staff who contributed to the study. Special thanks are due to Dr. Calvin J. Cotrell and Dr. Michael Rosenfeld for responsible participation at various stages in the project; to Miss Mary P. Fall, Mr. Roy T. Knestrick, and Mr. William C. Rankin for processing the large amounts of data; and to Mrs. Austina V. Bradley, Mrs. Violet L. Marcus, Mrs. Margaret L. Ross, and Miss Janet R. Shaw for typing and proofreading the entire report.

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SUMMARY

A study was conducted (1) to identify those school and community factors related to the placement and employment success of trade and industry course graduates from vocational and comprehensive public high schools, and (2) to develop broad recommendations, based on the findings of the study, for improvement of the placement and employment performance of schools.

Using data available from a previous study, sixteen school-community systems were selected whose graduates were relatively very successful in obtaining jobs related to their training, staying employed, and deriving satisfaction from their work. Eight of these were comprehensive schools and eight were vocational schools. Another set of sixteen schools was selected whose graduates were relatively unsuccessful by the same success criteria. Extensive data on each school and community and on the community organizations, labor unions, employers, and Employment Security Offices were collected in interviews with representatives of those institutions. Relations between characteristics of the school-community systems and the placement-employment success of graduates were studied in detail by a variety of statistical and analytic techniques.

The major factor distinguishing between successful and unsuccessful school-community systems was the role of the school in placing graduates. Although placement of graduates is not considered universally to be a responsibility of the school, the evidence of this study is that superior job placement was achieved by graduates when school personnel helped with placement in an organized, active placement program. Such a program also was found able to offset deleterious effects on graduate placement of general unemployment in the community.

Favorable relations between the school and major elements of the community, especially as revealed in contacts between them, were found to be essential for a successful placement program. But the effectiveness of contacts depended importantly on which community elements were contacted

and on who initiated the contact. Employer contacts were found to be most important for effective placement, and nearly all kinds of contacts between employers and the school enhanced placement success. Union contacts facilitated placement when initiated by the school, but contacts initiated by the union tended to be associated with ineffective placement. School-initiated contacts with various civic groups facilitated graduate placement to a modest degree. Schools that depended heavily upon the Employment Security Office to place graduates had less effective placement than other schools. It was thought more appropriate for Employment Security Offices to be called upon in selected instances when their unique techniques and information would be directly applicable.

Two economic and social variables were identified as important. First, low average unemployment in the community was associated with superior placement success only for comprehensive schools. Vocational schools with superior placement records actually had a higher unemployment rate on the average than did those which were less successful. This differential effect apparently is due to a lesser commitment by comprehensive schools to active placement programs for their students. Second, all predominantly Negro schools considered for inclusion in this study had relatively poor placement records, a familiar finding which underscores the need for studies of means for solving various special placement problems.

Other school-community system characteristics, having less pervasive effects than those summarized above, were examined and are reported. Conclusions and recommendations to schools for more effective placement are provided.

INTRODUCTION

The fact that an increasing proportion of jobs in today's world of work requires skills and technical knowledge and that the proportion of jobs available to unskilled workers is decreasing is well documented (U. S. Department of Labor, 1965; Venn, 1964). The person without trained skills and without relevant knowledge is finding it increasingly difficult to find and hold a job. Young people, particularly recent high school graduates and high school dropouts, have unemployment rates which are several times those of the general population. Presumably, this is due at least in part to inadequate preparation for the kinds of jobs available in today's market.

Substantial programs have been established in the effort to prepare people of all ages for the demands of the work world and to facilitate occupational shifts necessitated by technological change. The National Defense Education Act of 1958, the Manpower Development and Training Act of 1962 and its amendment of 1963, the Vocational Education Act of 1963, the Higher Education Facilities Act of 1963, and several programs devised to attack the problem of hard-core poverty all represent attempts to provide opportunities for the acquisition of skills and knowledges important in today's occupations. Yet, there is persistent evidence that successful completion of a vocational or technical course of study is not in itself sufficient to guarantee either prompt employment or employment in the vocation for which one was trained. Data from the North Atlantic Region Trade School Graduate Follow-Up Studies indicate that 30 per cent to 40 per cent of the graduates from high school-level vocational courses who are available for employment are either unemployed or are working in occupations unrelated to their training during their first year after course completion. A more recent study (Eninger, 1965) of graduates from a nationwide sample of schools offering trade and industrial programs reports that, for vocational graduates one year out of school, only 39 per cent of the jobs they have held are in the vocation for which they were trained or in a closely related trade.

Percentages are lower for graduates five and ten years after graduation. These data certainly indicate failure or ineffectiveness in some portion(s) of the complex system of vocational selection, training, placement, and employment, including the communications or feedback functions between such principal elements of the system as the schools, the employers, the unions, and the various placement services.

The Problem

Reasons for the apparent lack of articulation between education and the demands of the world of work might be found anywhere in the system. Thus, students might change their vocational selections after some experience with their chosen vocation in training or at work. The training might be inadequate in some respect. The existing mechanisms for matching people with job opportunities might be ineffective. The kinds of skills needed by industry might be poorly described or might change too rapidly for the schools to respond in timely fashion. The list of possible sources of difficulty is a long one.

The present study has attempted to investigate one possible source of the difficulty, namely, characteristics of the schools and of certain community organizations important to placement and employment of trade and industry course graduates. More specifically, the study attempts to identify those characteristics of the schools and of important community organizations which are related to successful placement and employment experience of the graduates, with particular attention to those characteristics which can be controlled by the schools.

Overview

The methods and procedures used in conducting the study are summarized in the remaining paragraphs of this introductory chapter. Thereafter, the entire report is devoted to the presentation and discussion of findings.

The first chapter following analyzes the criteria used in this study, which include measures of initial placement time, the relatedness of jobs and training, job satisfaction, and employment security. Definitions, measurement properties, intercorrelations, and substantive findings are presented and discussed.

The next chapter considers the findings with respect to the effects of employment opportunity and unemployment rates on the success of graduates as measured against the criteria previously described.

Three chapters then present and analyze in sequence the results concerning graduate success as affected by (1) the characteristics of schools and their relations with employers, labor unions, civic organizations, and Employment Security Offices; (2) the characteristics of institutions other than schools; and (3) the nature and frequency of contacts between the schools and their communities.

Major conclusions and recommendations from the study are presented in the final chapter, and data-collection instruments are displayed in an appendix.

Throughout the report, the effort has been made to present data in meaningful summaries and to spare the reader the task of considering the very large amount of detail available.

Methods and Procedures

The general strategy for the study can be summarized as follows:

1. Select a set of schools that vary widely in the success with which their graduates obtain jobs related to their training, stay employed, and obtain satisfaction from their work.
2. For all of the selected schools, collect data on specific school and community characteristics potentially relevant to the placement and employment experience of graduates.
3. Identify those characteristics of schools and community organizations that are significantly related to the placement and employment experience of their graduates.

The specific procedures by which this strategy was implemented are described in the following paragraphs.

Selection of the schools. Data were available, from another project of the American Institutes for Research (Eninger, 1965), on the placement and employment experience of 5,434 vocational students who graduated in the years 1953, 1958, and 1962 from 100 high schools offering three or more trade and industry courses. The 100 schools (50 vocational and 50 comprehensive) studied in that project were selected to represent the total of 667 such schools in the United States. The sample was stratified by geographical region, by school enrollment, and by type of school (vocational or comprehensive). Schools for the present study were selected from this sample of 100.

Only data from the 2,555 graduates of 1962 were used in school selection since community data could be obtained only as early as 1965. Graduate data from 1958 and 1953 would be of tenuous relevance to communities as constituted in 1965. It seemed to be a hopeless task to estimate what the communities were like in earlier years.

In selecting schools from the 100 candidates for this study, it was necessary first to eliminate 16 vocational and 18 comprehensive schools. Four of these were located in very large metropolitan areas (more than two million population) where a meaningful network of community organizations could not be established. Three were eliminated because they were predominantly Negro schools with poor placement records and no matching Negro schools with good placement records could be found. Twenty-seven schools had too few graduates (less than 15) to provide a stable index of placement performance for the school. Elimination of these schools left 66 from which the 32 for the present study were selected. Sixteen schools were selected whose graduates were relatively very successful. Eight of these were the most successful comprehensive schools and eight were the most successful vocational schools. The other set of sixteen selected schools included the eight comprehensive and the eight vocational schools which were least successful by the same criterion. The measure of graduate success used in this selection was a composite of equally weighted standard scores for proportion of employable time employed (security), job relatedness, and job satisfaction. Each of these scores is defined and discussed in the next chapter.

Selection of participants. Representatives of five types of organizations provided data: schools, employers, labor unions, community organizations, and Employment Security Offices.

For each school, data were obtained by interviewing each of the following persons:

1. The principal or director of the school.
2. The supervisor or coordinator of high school trade and industry education.
3. The placement head for trade and industry graduates.
4. The head counselor or the counselor most concerned with the placement of trade and industry graduates.
5. A trade and industry teacher for each trade offering of the school--the teacher responsible for placement or the one working with seniors.

Two groups of employers were selected. One group consisted of employers of those 1962 graduates whose data were used in the selection of the schools. Supervisors from each firm were asked to complete and mail an assessment sheet for each graduate employed. The second group consisted of firms which might reasonably be expected to employ graduates of a selected school. Potential employers in a community were identified by the manager of the local Employment Security Office. The selection included one employer of small numbers in a particular trade, one employing a medium number, and one employing a large number of skilled workers in a particular trade. For both actual and potential employers, interviews were arranged with the individual responsible for hiring persons in the skilled trades.

One labor organization was interviewed for each trade and industry course offering of the school. The appropriate local union with headquarters nearest the school was selected. The president or business agent was interviewed.

A master list of 12 community organizations, arranged in preferential order, was developed and supplied to all interviewers. The ten organizations highest on the preferential list, and available to the study, were interviewed in a given community. The master list consisted of nationally prominent service, civic, social, and fraternal organizations whose objectives logically implied the possibility of influence on the placement and employment experience of school graduates. Business, trade, and professional organizations were included in a second list, with one organization for each trade offering of the school being selected. The president and other executive officers were interviewed.

The manager of the Employment Security Office was interviewed in each of the 32 school communities.

A separate questionnaire was designed for each of the five different types of participants.

Data collection. Interviews were conducted by representatives of the Management Information Services Division of the Retail Credit Company of Atlanta, Georgia. Interviews began in mid-May 1965 and were substantially complete by June 31, 1965. A 95 per cent return was realized for interviews. Seventy-five per cent of the mailed graduate assessment sheets were returned.

Data analysis. In studying the data for significant relationships, the following principal analyses were made:

1. Analysis of the reliabilities, intercorrelations, and bivariate distributions of the several criteria of graduate success.
2. Comparison, with respect to both community characteristics and graduate success, of school-community systems having different levels of employment opportunity.
3. For each interview and questionnaire item, comparison of criterion scores made by school-community systems responding differently to the item.
4. Comparison of the number and type of school-community contacts reported by systems having high graduate placement success with the contacts reported by less successful systems.
5. Analysis of correlations among summary variables abstracted from community and placement data.

CRITERIA OF GRADUATE SUCCESS

Identification of school and community factors in the placement and employment success of graduates requires adequate success criteria. That is, the criteria must be acceptable to knowledgable persons as representing important aspects of graduate success, and they must give reasonably dependable measures of the success of individual graduates or groups of graduates. In addition, when several criteria are defined, it is desirable that each one contribute some new information.

This chapter defines and analyzes the success criteria used in the study. A major portion of the chapter is devoted to consideration of the information about graduates which is provided by the criterion data.

Definitions

Four measures of graduate success were employed as criteria in this study. For an individual graduate, each measure was computed as in the definitions below. For a school, the measure was the average for all graduates of the school for whom data were available.

Initial placement is the time (in months) it took the graduate to obtain his first full-time job after graduation. Placement was not scored if the graduate went into military service or entered military service without first having had a full-time job.

Job relatedness $= \frac{\Sigma R}{N}$

Where: R is the numerical value of an individual's rating of relatedness for a given job (4 = same trade studied in school, 3 = highly related trade, 2 = slightly related trade, 1 = completely unrelated work).

Σ indicates a summation across all jobs rated.

N is the number of full-time jobs rated by the individual.

$$\text{\underline{Job satisfaction}} = \frac{\Sigma S}{N}$$

Where: S is the numerical value of an individual's rating of satisfaction for a given job (4 = very satisfied, 3 = satisfied, 2 = dissatisfied, 1 = very dissatisfied).

Σ indicates a summation across all jobs rated.

N is the number of full-time jobs rated by the individual.

$$\text{\underline{Employment security}} = \frac{100M}{E}$$

Where: M is months of employment (part-time work prorated).

E is months of employable time (periods of military service, full-time school, and incapacitating illness excluded).

Rank Ordering of Schools

Since much of the analysis is based on a rank ordering of schools according to the average scores of their graduates on the criterion measures, it is of interest to know how reliable this ordering is for each criterion measure and how consistent the ordering is from one measure to another. This information is provided by the reliability coefficients and intercorrelations of criterion scores for schools shown in Table 1.

It may be noted that the initial placement measure is imbedded in the security measure, so the two are not experimentally independent. The correlations of relatedness and satisfaction with security represent a relationship with a composite of initial placement and later time spent on the job.

Table 1

Reliabilities and Intercorrelations* of Criterion Measures

Criterion Score	No. of Schools	Reliability	Intercorrelations		
			2	3	4
1. Placement (initial)	76	.47 (.44)	-.35	-.24	-.70
2. Relatedness	77	.66 (.67)		.62	.48
3. Satisfaction	77	.63 (.54)			.34
4. Security	76	.26 (.52)			

* Product-moment correlations between mean scores for schools. All intercorrelations are based on the 100 schools from which the 32 in this study were selected. For reliabilities, each graduate was randomly assigned to one of two sub-groups for his school. Reliabilities were based on correlations between mean scores of sub-groups, stepped up by the Spearman-Brown formula:

$$\text{Reliability} = \frac{2\ (\text{obtained correlation})}{1 + \text{obtained correlation}}$$

Because all schools with scores for less than 10 graduates on a given measure were eliminated from the reliability analysis, the number of schools entering into the different reliability estimates varied as shown. The second reliability for each measure, shown in parentheses, is based on only the 32 schools selected for this study.

Characteristics of the Graduate Population

Before attempting to analyze and interpret the relations between characteristics of school-community systems and measures of the success of their graduates, it is instructive to examine the characteristics of the graduates themselves as revealed by measures of their occupational success. This section presents criterion data on the graduates, examines the relations among criteria, and advances some hypotheses concerning the reasons for the results and concerning their implications.

Initial placement. Table 2 presents the joint distribution of initial placement and relatedness scores for graduates of all 16 comprehensive schools chosen for the study. Table 3 presents similar data for graduates of the 16 vocational high schools. Several features of these distributions may be of interest.

The distribution of times for placement on the first job indicates that the majority of graduates found jobs promptly, and suggests that some thought should be given to what kind of improvement actually is desired in initial placement. More than a third of the trade and industry graduates in this study intending to work went directly from high school into a job. About half had jobs within two weeks. About nine out of ten had jobs within three months. Only four took more than a year. Recall that this was for 1962 high school graduates, a group for which employment was expected generally to be a problem.

This is not to suggest that improvements in initial job placement of graduates from high school trade and industry courses cannot or should not be made. However, it does suggest the following issues of perspective and focus in studying placement dynamics and in considering action programs:

1. The critical problem may be as much a matter of getting individuals into courses that provide marketable skills as it is a matter of placing them in jobs out of vocational courses. Eninger's (1965) finding that general students who did not go on to further education took longer to find a first job than vocational graduates from the same schools supports this possibility.

Table 2

Joint Frequency Distribution of Placement and Relatedness Scores Obtained by Graduates of Comprehensive Schools

PLACEMENT (in months to find job)

RELATEDNESS*	12	11	10	9	8	7	6	5	4	3	2	1	.5	<.5	
3.5-4.0										4	6	9	6	32	57
3.0-3.4	1				1				2	1	7	5	8	17	42
2.5-2.9								1	3	1		4	2	9	20
2.0-2.4				1				1	1	3	5	9	7	17	44
1.5-1.9		1					1	1		2	6	7	2	4	24
1.0-1.4		1	1	1	1	1	1	1	3	12	12	23	8	23	88
	1	2	1	2	2	1	2	4	9	23	36	57	33	102	275

Table 3

Joint Frequency Distribution of Placement and Relatedness Scores Obtained by Graduates of Vocational Schools

PLACEMENT (in months to find job)

RELATEDNESS*	>12	12	11	10	9	8	7	6	5	4	3	2	1	.5	<.5	
3.5-4.0				1					4	3	7	4	15	17	48	99
3.0-3.4		1						1		2	1	7	14	10	32	68
2.5-2.9									1	1	1	2	6	5	7	23
2.0-2.4									1		2	5	13	9	18	48
1.5-1.9	1										2	3	6	3	5	20
1.0-1.4	3	1			2		2	2	2	9	11	14	22	3	23	94
	4	2	0	1	2	0	2	3	8	15	24	35	76	47	133	352

* Average rating for all jobs using four-point scale

4 = same trade as studied in school
3 = highly related trade
2 = slightly related trade
1 = completely unrelated trade

2. It may be more important to concentrate efforts on improved placement of the relatively few persons with special or chronic problems than on the mass of persons who spend a few days or weeks looking for a job. Certainly, it is important to ask whether the existence of relatively few persons who are unable to locate any suitable job after months of search has greater individual and social significance that the need of many to spend a few weeks after graduation looking for a job. The fact that three predominantly Negro vocational schools had to be eliminated from this study because their low placement performance could not be balanced by Negro schools having graduates with better experience underscores this issue.
3. Dramatic improvements in the initial placement performance of vocational schools may not be feasible. The distribution of placement times is similar to such distributions as those of accident frequency and of error rates on well-human-engineered tasks. This similarity suggests that this also may be a situation in which the cream has been skimmed and further progress may be quite laborious.

Relatedness. There is an interesting asymetry in the joint distribution of initial placement and relatedness. Most graduates who report their first job as being in the same trade as their training, or in a trade highly related to their training, obtained their first job in a short time. Yet, not nearly all of those who went to work promptly upon graduation reported their training to be highly relevant to their jobs. Indeed, many reported little or no relevance. This finding is reflected in rather small correlations between initial placement and relatedness. The product-moment correlation for graduates of vocational schools is -.26, somewhat larger that the -.12 for graduates of comprehensive schools. Three compatible possibilities suggest themselves:

1. Getting a job is a more important motive for the graduate than is making use of his specific vocational training.

Project TALENT data (Flanagan & Cooley, 1966) demonstrate that most occupational choices made in grades nine through twelve are unstable, and that changes in career plans tend to be more consistent with basic aptitude and interest patterns than with initial jobs. These findings suggest that specific vocational training chosen in ninth or tenth grade may be related only tenuously to the ultimate career capabilities and objectives of the individual.

2. Other characteristics of a job, such as salary or convenience, may outweigh relevance to high school training in the selection of a first job.
3. As time without a job increases, relevance of training becomes of even less relative importance than initially. If high school vocational training and first jobs are to be closely related, it appears that the students must feel some investment in this relevance and initial job placement must be quite rapid.

Although the distributions of initial placement times are quite similar for the two types of schools, vocational school graduates are somewhat more successful than comprehensive graduates in getting jobs related to their high school vocational training. Tables 2 and 3 show that 54 per cent of vocational school graduates, but only 40 per cent of comprehensive school graduates, rated their jobs in the top half of the relatedness scale. Perhaps the more diffused academic environment of the comprehensive high schools leads to a lesser commitment by comprehensive graduates to application of specialized high school vocational training. Another possibility is that comprehensive high schools tend to be in areas where jobs offering an opportunity to apply trade and industry training are less available. Yet another possibility is that vocational schools are more responsive to employment needs of their communities in programming their curricula. In this study, none of these possibilities could be probed in depth.

Job satisfaction. Table 4 presents the joint distribution of relatedness and job satisfaction scores for graduates of comprehensive schools. Table 5 presents similar data for graduates of vocational schools. The

Table 4

Joint Frequency Distribution of Job Satisfaction and Relatedness Ratings Made by Graduates of Comprehensive Schools

SATISFACTION*	RELATEDNESS*						
	1.0-1.4	1.5-1.9	2.0-2.4	2.5-2.9	3.0-3.4	3.5-4.0	
3.5-4.0	20	4	12	5	35	27	103
3.0-3.4	32	7	20	7	12	29	107
2.5-2.9	11	8	7	8	1	1	36
2.0-2.4	25	7	7			4	43
1.5-1.9	3	2	1				6
1.0-1.4	3		1				4
	94	28	48	20	48	61	299

Table 5

Joint Frequency Distribution of Job Satisfaction and Relatedness Ratings Made by Graduates of Vocational Schools

SATISFACTION*	RELATEDNESS*						
	1.0-1.4	1.5-1.9	2.0-2.4	2.5-2.9	3.0-3.4	3.5-4.0	
3.5-4.0	19	3	10	6	33	59	130
3.0-3.4	42	5	23	10	26	36	142
2.5-2.9	9	7	7	7	4	5	39
2.0-2.4	20	6	8	1	4	4	43
1.5-1.9	4	1	2				7
1.0-1.4	9		1			1	11
	103	22	51	24	67	105	372

* Each rating made on a four-point scale

Satisfaction	Relatedness
4 = very satisfied	4 = same trade studied in school
3 = satisfied	3 = high related trade
2 = dissatisfied	2 = slightly related trade
1 = very dissatisfied	1 = completely unrelated work

distributions of degrees of job satisfaction are quite similar for graduates of the two types of schools. A preponderance of all graduates (83 per cent) rated their jobs in the top half of the satisfaction scale and no significant difference appears between vocational and comprehensive graduates in this respect.

Product-moment correlations between relatedness and satisfaction are modest for the two types of graduates, being .39 for graduates of comprehensive schools and .41 for graduates of vocational schools. But these correlations do not reveal the interesting way in which job satisfaction and relatedness are associated. Thus, 96 per cent of all graduates reporting their jobs to be highly related to their training also rated their jobs in the top half of the satisfaction scale, and 86 per cent of all dissatisfied graduates rated their jobs in the bottom half of the relatedness scale. But many satisfied graduates (44 per cent) also reported being in jobs quite unrelated to their training. Apparently, placement in a job highly related to training is a fair guarantee against major dissatisfaction. Clearly, most dissatisfaction was found in jobs not highly related to training. Yet, for many graduates, job relatedness seems not to be a critical requirement. This was true especially of comprehensive graduates in this study. Almost exactly half of the satisfied comprehensive group reported jobs not highly related to their training, as opposed to 40 per cent for vocational graduates.

Product-moment correlations between satisfaction and initial placement are quite low, -.10 for 281 graduates of comprehensive and -.21 for 358 graduates of vocational high schools.

Security. Product-moment correlations between initial placement and the proportion of employable time actually employed (security) are -.57 for 281 comprehensive school graduates and -.62 for 355 vocational school graduates. Since time for initial placement enters directly into the proportion of employed time, it may be of more interest to consider the independence of the security measure from initial placement than the correlation between the two measures. About 68 per cent of the variance of security scores for graduates of comprehensive schools and 62 per cent of the variance of security scores for graduates of vocational schools is independent of initial placement.

Table 6 presents product-moment correlations for relatedness and satisfaction with security. Raw correlations and correlations with the effects of initial placement time partialled out are quite low for graduates of both comprehensive and vocational schools.

Table 6

Correlations of Relatedness and Satisfaction with Security

Variable Correlated with Security	Number of Graduates		Zero Order Product-Moment Correlation		Correlation with Initial Placement Held Constant	
	Comprehensive	Vocational	Comprehensive	Vocational	Comprehensive	Vocational
Relatedness	285	356	.21	.20	.17	.05
Satisfaction	286	361	.22	.18	.20	.06

High and Low Group Averages

If one is planning an action program based on differences between schools typified as high or low in job placement performance, it probably is desirable to know something of the spread between these schools on placement performance measures. Table 7 presents differences in average performance between schools selected as high and low performers. When it is considered that schools were chosen on the basis of these criterion scores specifically to maximize separation, the differences between high and low schools are not impressive. The variation between school averages is relatively small as compared to variations between students within a given school area.

Table 7

Mean Criterion Scores for Schools Selected to Represent

High and Low Placement Performance

Type of School	Security			Placement			Relatedness			Satisfaction		
	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Comprehensive												
High	172	87.2	19.0	159	1.2	1.7	173	2.5	1.1	159	3.2	0.6
Low	124	83.2	20.4	122	1.6	2.2	127	2.2	0.8	122	3.0	0.7
Vocational												
High	217	90.3	18.5	215	0.9	1.7	223	2.9	1.1	215	3.3	0.7
Low	163	77.2	29.8	143	2.0	2.6	156	1.9	1.0	143	2.8	0.8

EMPLOYMENT OPPORTUNITY

The Employment Opportunity Index

The following measure of employment opportunity was developed:[1]

$$\text{Employment opportunity} = 100 \left[\frac{(E_2 - E_1) - (U_2 - U_1)}{L}\right] + 20$$

Where: E_1 is the number of persons employed at the beginning of a period.

E_2 is the number of persons employed at the end of a period.

U_1 is the number of unemployed persons at the beginning of a period.

U_2 is the number of unemployed persons at the end of a period.

L is the total labor force in the area $(E_1 + U_1)$.

20 is an arbitrary constant to avoid zero and negative numbers.

An estimate of employment opportunity was obtained for the area surrounding each of the 32 schools. Employment opportunity was not found to be appreciably related to any of the criterion measures for the period of May 1962 or the period May 1962 through May 1964.

Unemployment and Placement Performance

The average unemployment rate for the area surrounding each of the 32 schools also was determined for the year 1962. Average unemployment over all of these communities was 5.69 per cent (SD = 2.11 per cent) at that time. The correlation between unemployment rate and mean criterion score is given in Table 8 for each criterion measure.

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[1] By Dr. Charles L. Leven with the assistance of Dr. Herbert Cheslar and other members of the University of Pittsburgh economics faculty.

Table 8

Correlation of Unemployment Rate with Mean Criterion Performance of Schools

Variable Correlated with Unemployment Rate	Correlation
Security	-.265
Initial Placement	.163
Relatedness	-.131
Satisfaction	-.161
Composite Criterion[1]	-.222

None of these correlations is significant at the .05 level of confidence, but all are in the expected direction. For example, one would expect initial job placement to take longer in an area of higher unemployment.

Unemployment and Community Dynamics

One might ask whether the relative lack of relationship between employment opportunity and criterion measures might be due at least partially to extra efforts on the part of the community, and especially the schools, to place trade and industry graduates when unemployment rates are high. Table 9 presents correlations between unemployment rates and the amount of contact reported between schools and other elements of the community. None of these correlations is significantly different from zero at the .05 level of confidence, but there is a preponderance of low negative correlations. Certainly, there is no evidence that general unemployment spurs increased contact between the school and the rest of the community.

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[1] Sum of unit-weighted standard scores for component measures, with sign reversed for initial placement.

Table 9

Correlation of Unemployment Rate with Degree of School-Community Contact

Type of Community Element in Contact with School	Purpose of Contact			
	Individual Placement	Counseling and/or Testing	Advice to the School	General or Miscellaneous Contact
Employer	-.001	---	-.218	-.049
Union	-.124	---	-.277	-.192
Trade Association or Service Organization	-.051	---	---	.270
Employment Security Office	.068	-.174	-.005	-.042

Even if contacts between the school and the rest of the community do not increase in response to high unemployment rates, it might be that the quality of the school's placement program improves and, thereby, offsets the effects of general unemployment. Table 10 presents correlations between unemployment rate and three features of a school's placement program. These features are:

1. Focus - schools taking many actions to mount a specific placement-oriented program score high; those acceptin no responsibility for a placement program, or leaving responsibility assignment vague, score low.
2. Media - schools using direct methods of contact, such as person-to-person visits or telephone calls, score hig; those using indirect methods, such as general announcements, score low.
3. Initiative - schools initiating a larger proportion of all contacts with the community score high; those initiating a smaller proportion score low.

Table 10

Correlation of Unemployment Rate
with Features of the School Placement Program

Feature	Correlation
Focus	-.328
Media	-.300
Initiative	-.366

None of these correlations is significantly different from zero at the .05 level of confidence. However, the evidence certainly does not support the view that high unemployment in the area of the school leads to a more concentrated program for graduate placement.

These results provide no positive sign of mobilization to combat difficult unemployment conditions. Yet, there are indications that conditions generally favorable to placement of vocational graduates do occur in instances of high unemployment. Thus, the responses given to questionnaire items by representatives of employers, unions, trade and service organizations, and Employment Security Offices were scored so as to provide for each school an index of each of the following important reactions to the school.

1. Attitude - the score is high if expressed attitudes toward the school and its graduates are favorable; low if unfavorable.
2. Information - the score is high if much is known about the school and its program; low if the community representative is not familiar with the school.
3. Policies and practices - the score is high if policies and practices of the organization represented are favorable to employment of graduates of the school; low if they are unfavorable.

Table 11 shows the correlations computed between these indices and unemployment rate for each type of community respondent.

Table 11

Correlation of Unemployment Rate with Community Reactions to the School

Type of Community Element	Type of Response		
	Attitude	Information	Policies and Practices
Employer	.112	.482*	-.022
Union	-.114	.236	-.099
Trade Association or Service Organization	---	.471*	---
Employment Security Office	.141	.258	.104

* Significant at the .01 level.

The lack of clear relationship between attitude or policies and unemployment rate suggests that neither readiness to respond nor mobilization of the community occurs automatically as a result of high unemployment. However, the consistent tendency of community elements to know more about the school in areas of high unemployment may be important. If this is an indication that rising unemployment rates can trigger an awareness of capabilities represented by vocational programs, then such awareness may be useful as leverage for an action program.

Perhaps a brief conjecture is in order concerning the source of this increased knowledge about the school. One possibility is that unemployment tends to be higher in smaller communities, and awareness of the school naturally is higher in the smaller communities. Unfortunately, it was not possible to investigate this hypothesis in the present study. If it is assumed that there is a more direct relationship between high unemployment and increased community awareness of vocational programs, the most probable source seems to be local news media. Previously cited data suggest that increased awareness probably is not a result of direct school action. The evidence available from this study suggests that local radio, television, and press may be able to produce or increase a level of community awareness which then might be mobilized by the school in support of a more effective job-placement program. The evidence does not support the view, however, that awareness will automatically eventuate in effective action programs.

Type of School

The data shown in Table 12 discourage any easy generalization about the relationship of unemployment to placement performance. Comprehensive and vocational schools in this sample come from areas having very similar unemployment rates on the average. Vocational schools with effective placement performance actually came from communities with a slightly higher unemployment rate on the average than vocational schools with relatively ineffective placement performance. But the difference in average unemployment rate for comprehensive schools with effective and ineffective placement records is dramatic. The unemployment rate for areas surrounding comprehensive schools with an ineffective placement record is almost double that of schools with effective placement. The distributions of unemployment rates for the two groups almost do not overlap. Even with this small sample of communities, it is extremely unlikely that a difference of this magnitude arose by chance.

Why this difference between comprehensive and vocational schools? Is it because vocational schools rise to greater activity in areas of high unemployment? It would seem not. Vocational schools having below-average overall placement activity, as compared to other vocational schools, have a mean unemployment rate of 5.4 per cent. Vocational schools having above-average activity have a mean unemployment rate of 6.2 per cent. The difference is not significant, but the available information certainly does not support the view that the vocational schools are immune to local unemployment rates because of extra activity in the face of hardship.

The available evidence suggests that the difference in susceptibility of comprehensive and vocational schools to general unemployment is due in large part to differences in commitment on the part of school personnel to placement of graduates. In the larger survey from which schools for this study were selected, 52.6 per cent of vocational school graduates and 33.7 per cent of comprehensive school graduates acknowledged assistance from the

Table 12

Distributions of 1962 Unemployment Rates (in per cent) for Areas Surrounding All Schools

Criterion Rank within Group*	Comprehensive Schools		Vocational Schools	
	Effective Placement	Ineffective Placement	Effective Placement	Ineffective Placement
1	2.4	5.0	4.6	7.2
2	4.4	5.2	5.6	3.6
3	4.4	6.8	6.2	6.4
4	3.6	5.2	4.4	6.8
5	2.2	8.8	9.4	3.2
6	4.4	10.4	3.6	5.2
7	3.6	6.0	8.6	6.4
8	5.6	10.4	7.6	4.8
Mean	3.8	7.2	6.2	5.4
Mean	5.5		5.8	
Mean	5.7			

* From best (1) to worst (8) on the composite criterion by which schools were selected; consisting of unit-weighted scores for relatedness, satisfaction, and security.

school in obtaining their first job (Eninger, 1965). Consistent with the view that greater commitment to graduate placement on the part of school personnel yields more effective placement is the finding, also reported by Eninger, that graduates of vocational schools obtain initial jobs in less time, obtain more related jobs, have better security, and report slightly more job satisfaction than comprehensive students.

A consistent finding of this study is that far more significant relationships between community factors (other than unemployment) and criterion measures are found for vocational than for comprehensive schools. It is unlikely that schools playing a relatively passive role in placement would be nearly so likely to "burn through" the effects of area unemployment as would be those which more actively and deliberately attempt to offset its effects.

Our proposition, then, would be that an active and committed placement program by the school will tend to offset the effects of general unemployment within reasonable limits.

SCHOOL CHARACTERISTICS

As described in the first chapter, data about each school were collected in interviews with key school personnel. Data about each of the four types of community organizations were gathered in interviews with an organization representative. The five questionnaires used to gather these data are presented in the appendix to this report.

For each item in each questionnaire, each school was given a score representing the response to the item by the representative. Schools then were separated into two equal-size groups according to their scores on the item. Average criterion scores (placement, relatedness, satisfaction, security) for the groups so defined were compared by statistical significance tests. Separate analyses were done for comprehensive and for vocational schools. This procedure provided a straightforward examination of the significance of each school and community characteristic for each criterion of graduate success.

The present chapter and those which follow present summaries of the significant relationships and patterns identified through detailed analysis of the many thousands of specific comparisons in appendices available to the interested researcher. First to be considered here are those characteristics of schools which are related to gradumte success.

Policies and Practices

The basic requirement for effective criterion performance seems to be that the school accept responsibility for placement. The existence of a specific program, the identification of a placement coordinator, and the assignment of defined responsibilities for the program all are associated with superior performance by the school. A personal, direct approach to community representatives generally is most effective. A flexible variety of approaches is superior to a single, narrowly prescribed procedure.

Relations with Employers

Maintaining working relations with employers in the community is the most important element in effective placement. Superior criterion performance is associated with the use of cooperative work programs for students, the use of industrial personnel as instructors in the school, and direct personal contact between individuals from the school and from the employer. However, excessive or superfluous contact with employers appears to be associated with less effective criterion performance.

Relations with Labor Unions

A considerable variety of contacts and working relations with employers seems to have beneficial effects on criterion performance, unless the school becomes excessively demanding; but effective relations with labor unions appear to require more selective activity. Requests initiated by the school for information related to changes in the curriculum, invitations to school activities, and requests that labor participate on advisory committees are more consistently associated with effective placement than is strong involvement of unions directly in placement. Whether or not the involvement of unions in placement efforts is associated with an effective placement performance seems to depend upon highly individual circumstances. Personal knowledge of union personnel and the union is associated with effective placement, provided affiliation with the union is a reasonable prospect for the graduate.

Relations with Civic Organizations

On the average, criterion performance is better for those schools which have personnel involved in civic organizations,[1] which obtain help from civic organizations in school programs, which report that talks are made to such groups by school personnel, and which have citizen participation on committees and advisory panels. More direct kinds of civic club aid, such as teacher recruitment and financial aid, tend to be associated with ineffective placement, however, as does the opinion by school personnel that the aid of civic groups is not appropriate. Contacts with civic groups to place students, to explain the vocational program, and to improve community support all are compatible with effective criterion performance. Better performance is demonstrated, too, by schools in which staff members are acquainted with individual members of specific civic groups having an interest in vocational education.

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[1] Used here, as elsewhere in this report, to refer to a variety of service, fraternal, social, and trade groups.

It may be noted that civic organizations are not generally of nearly the same importance as employers to a placement program. The two groups may overlap to some extent, of course, and the attitudinal and communication dynamics for the two have many similarities.

Relations with Employment Security Offices

Schools that feel it frequently is inappropriate to contact the Employment Security Office (ESO), do not orient their seniors on ESO purposes, refer few of their students, and make few inquiries of the ESO, have relatively effective criterion performance. Frequent contact with the ESO is associated with less effective performance. Of course, this is not to say that contact between a school and the ESO caused poor placement. Certainly, one would expect greater use of the ESO by the school when it has difficult placement problems.

Ancillary Services

The relationship between ancillary training courses in a school and its placement performance is something of a mixed bag. Schools which teach adult trade and industry courses, conduct apprentice training programs, and have committees related to these activities have less effective criterion performance on the average. On the other hand, schools which teach M.D.T.A. courses and use an advisory committee for M.D.T.A. activities have superior performance. One explanation for this somewhat strange situation might be that the attitudes and abilities that are involved in establishing and conducting M.D.T.A. programs also are effective in developing a placement program.

COMMUNITY CHARACTERISTICS

This chapter summarizes the findings with respect to significant characteristics of major community organizations and is based upon analysis, as described in the preceding chapter, of the responses given by representatives of the organizations.

General

There is a relationship between success in placing graduaes and the amount of accurate information held by important elements of te community about the school and its personnel. Thus, superior criterion erformance is demonstrated by schools when community organizations know wat trade and industry courses are offered and when civic groups report acquintance with individual members of the school staff. Personal acquaintancewith staff members was not found to be an important characteristic of othr than civic organizations, however.

The media by which knowledge of the school and its program are obtained are of some importance. If employers, union officials, and Employment Security Office personnel are dependent upon mass communication media, placement performance is relatively ineffective. This suggests that the school can depend primarily upon mass media to disseminate information only to the general community. More personalized communication with key elements of the community is required for effective placement.

In general, favorable opinions by members of the community concerning the school are associated with more effective placement performance. Somewhat surprisingly, this is less consistently the case for employers than for other community groups. This may be because employers have better information about schools with superior placement programs and, consequently, have more realistic opinions. Some support for this view is found in the fact that more favorable employer opinions concerning selected aspects of the school (facilities and instruction, counseling and placement, quality of graduates, school-community relations) are associated with effective placement.

No separate discussion of civic organizations is presented here since no characteristic of civic organizations was found to be significantly related to the criteria, except for those characteristics already discussed above and in the previous chapter.

Employers

One sign of an ineffective placement program is the presence in the community of long-established potential employers who do not currently employ graduates of the school. A sign of an effective program is that firms actually employing graduates tend to be long-established in the community rather than new. Another indication of a generally effective program is that some graduates are hired by employers with relatively stable or slowly expanding work forces. A high degree of unionization sometimes is associated with less effective placement performance in terms of relatedness and satisfaction.

As might be expected, placement performance is superior in communities where large numbers of young people (under 21) are hired. There is some indication that graduates of comprehensive schools in such communities tend to take jobs less related to their specialized vocational training. This may be due to the hypothesized tendency of comprehensive school graduates to place less importance on job relatedness.

Stringent educational requirements by employers tend to be associated with poorer relatedness for graduates of vocational schools, but with better relatedness for graduates of comprehensive schools. The result for vocational graduates is understandable as a simple effect of higher standards. That is, some graduates find themselves locked out of highly related jobs when standards are high. For comprehensive graduates, the result may be explained by the earlier hypothesis that relatedness is a less salient issue for comprehensive than for vocational students. Thus, comprehensive graduates in communities where educational standards for employment are high might be able to qualify only for jobs for which they had specific training; whereas, in other communities, comprehensive graduates could more freely exercise any tendency to take jobs outside their area of training.

Pre-employment screening by employers, particularly with job performance tests, is associated with poorer placement of graduates. On the other hand, criterion performance is more effective in communities where employers use many sources for personnel, rather than just a few sources, and where employers join in cooperative training programs with the school. Apprenticeship programs are sometimes associated with effective and sometimes with ineffective criterion performance.

Favorable assessment of graduates by job supervisors is associated with more effective criterion performance. So are supervisors' judgments of the importance of different job skills. But the judgments about skills are not related to the criteria simply, and no generalization can be made about what skills should be emphasized in vocational courses. This supports the view that each community must work out its own match between employer needs and school programs.

Labor Organizations

Communities with large, growing unions which have jurisdiction over at least an entire city tend to have effective criterion performance. Other union characteristics related to good criterion performance are: an uptrend in the number of union apprentices; a high percentage of high school vocational graduates, rather than college dropouts, in apprentice programs; substantial "time credit" given for high school vocational courses; and heavy union representation on small, joint, apprenticeship committees of about five members.

Ineffective placement tends to occur in communities in which the unions have been long established, in which there is a high degree of unionization, in which the unions maintain a variety of restrictions or requirements for journeyman status, and in which there is a high degree of union involvement in apprenticeship training.

Employment Security Offices (ESO)

In the previous chapter, it was reported that a large number and variety of contacts between the school and the ESO were associated with low performance on the criteria. The evidence suggests that such heavy traffic between the school and the ESO may produce poor results because it occurs in response to difficult placement problems and the lack of an effective school placement program and not because of general ineffectiveness of ESO efforts. There are a number of specific ESO characteristics and activities associated with good criterion performance. These include: the existence of different ESO programs for vocational and for academic graduates, the assignment of responsibility to specific individuals for dealing with new high school graduates, and active use by ESO workers of a variety of methods for contacting employers. It appears that ESO efforts directed specifically at placement of new graduates and tailored to the needs of different kinds of graduates are the most effective and potentially the most helpful to the school placement programs. This generalization is consistent with the finding that ESO notices concerning job openings have different results for vocational and for comprehensive schools. These notices seem to influence significantly only the relatedness of the jobs taken; but for graduates of vocational schools, they are associated with greater relatedness and for graduates of comprehensive schools with less relatedness. The previously mentioned hypothesis, that relatedness has greater salience for vocational than for comprehensive students, would suggest that vocational students would use the announcements to increase their lists of relevant job opportunities, but that many comprehensive students would use them also to locate jobs having features more salient for them than relevance.

ESO perceptions of the school and the context in which the school operates are related to criterion performance. Thus, superior performance occurred in communities where the ESO representative reported that job opportunities were available in the vocational areas for which courses were offered, that there were few restrictions to impede vocational graduates who wished to enter trade apprenticeship programs, that the ESO was successful in placing vocational graduates, and that vocational graduates were highly qualified in their trades.

SCHOOL-COMMUNITY CONTACTS

The preceding chapters have presented a variety of findings in which contacts between schools and other elements of the community were identified as significant factors in the placement of graduates. In fact, it seems fair to conclude that contacts with major community groups are essential to an effective placement program. Yet, not all contacts seem equally beneficial. Better understanding of their effects would be most useful in developing a placement program.

This chapter presents an analysis of the relations between contacts and placement performance as a function of:

1. The agency with which the school is in contact; i.e., employer, union, civic, or Employment Security Office.
2. The type of contact made; i.e., whether the contact concerns placement of graduates, advisory service to the school, or general information and service.
3. The initiator of contact; i.e., the school or the other agency.

Table 13 presents the basic data, namely, the percentage differences between high and low criterion[1] schools in the number of contacts of each type reported with various community elements. The percentage difference (PD) was obtained by:

$$PD = \frac{H - L}{H + L} \times 100$$

Where: H is the extent of contact reported by high criterion communities.

L is the extent of contact reported by low criterion communities.

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[1] Based on the unit-weighted composite of security, relatedness, and satisfaction used as the criterion in selecting schools for this study.

Table 13

Percentage Differences between High and Low Criterion Schools in Community Contacts

Type of Contact	School-Initiated Contacts	Other-Initiated Contacts	All Contacts
Employers:			
Placement	11	22	14
Advice	1	16	9
General	10	21	14
All Employer	8	19	12
Unions:			
Placement	17	-17	3
Advice	15	-28	2
General	11	-14	7
All Union	14	-22	4
Civic Organizations:			
Placement	13	- 6	3
Advice	0	- 4	- 3
General	10	0	4
All Civic	9	- 1	2
Employment Security Office:			
Placement	-13	- 5	- 8
Counseling & Testing	-13	- 5	-10
Advice	0	- 4	- 2
General	- 4	5	1
All ESO	- 8	- 2	- 5
All Placement Contacts	9	1	6
All Advisory Contacts	7	1	4
All General Contacts	9	5	7
All Contacts	8	2	6

Note that PD is positive when high criterion communities report more extensive contact and is negative when low-performing communities report more contact.

Some of the data in Table 13 are shown in graphic form in Figures 1 through 5 to permit easier identification of some of the relationships.

Figure 1 displays results obtained for each of the three types of contact (placement, advisory, and general) when initiated by the school. The pattern is quite similar for all three types of contact. Contacts initiated by the school are used more by high-performing schools than by low performers, except for contacts with the ESO with whom low-performing schools have predominant contact.

With respect to contacts initiated by community organizations, a different but consistent pattern is shown in Figure 2. Here, low-performing schools report more contact with non-employer groups concerning placement and advice, whereas high-performing schools report more contact of all types initiated by employers and more general contacts with the ESO.

These data demonstrate important differences between high-performing and low-performing schools in the initiation of contacts with major elements of their communities. Comparison of Figures 1 and 2 reveals also that, for any type of contact, the relation with placement success depends upon a particular combination of initiation and community organization. These interaction effects are seen more clearly in Figures 3, 4, and 5, which present the data separately for each type of contact. In these figures, it is apparent that all types of school-initiated contacts with unions are associated with high performance, and that all types of union-initiated contacts are associated with low performance. The same basic pattern of superiority for school-initiated contacts occurs with civic organizations, except that the extent of advisory contact with these groups shows only minor relationship to criterion performance, as does the extent of general contact initiated by the civic organizations.

Contacts of all types with employers, whether initiated by the school or by the employer, are associated with high criterion performance. Interestingly, the relationship is consistently higher for employer-initiated

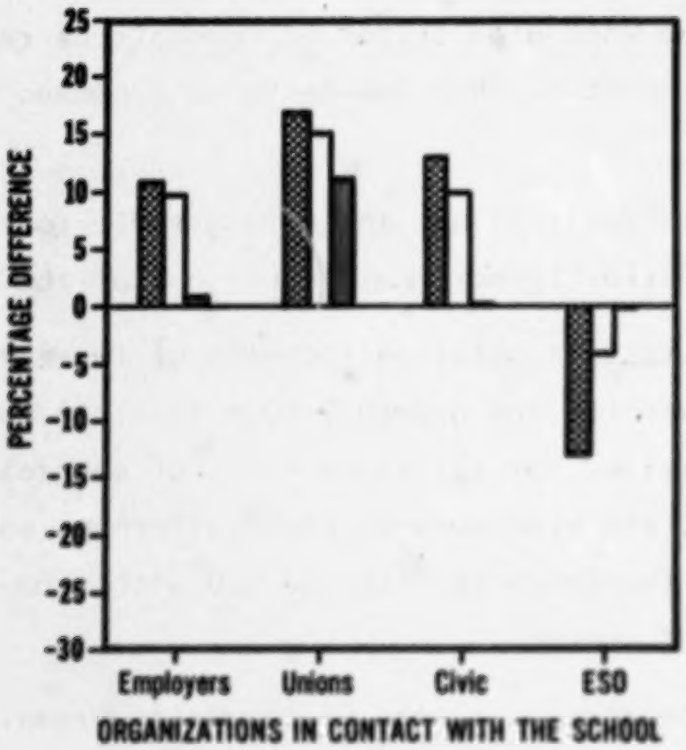

Figure 1. Percentage Differences between High and Low Criterion Schools in School-Initiated Contacts

▨ = placement contacts
☐ = general contacts
■ = advisory contacts

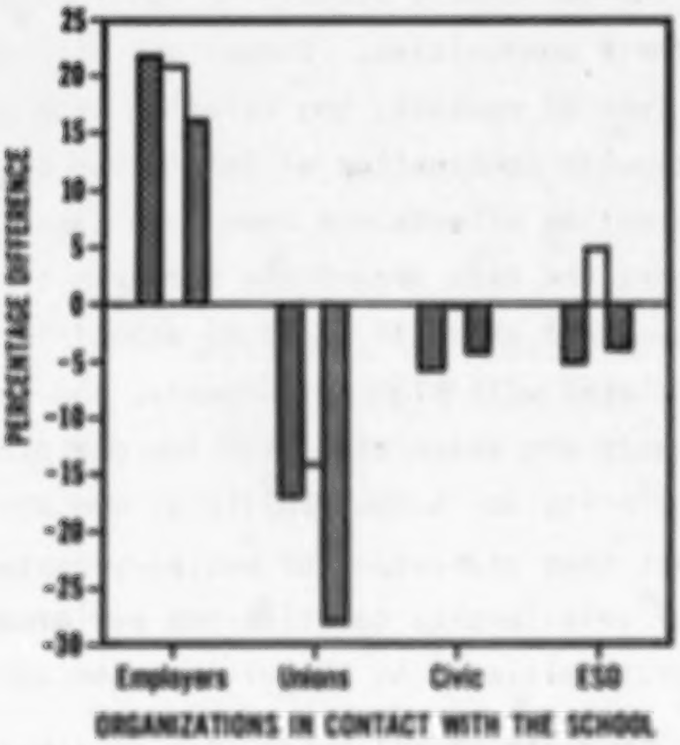

Figure 2. Percentage Differences between High and Low Criterion Schools in Other-Initiated Contacts

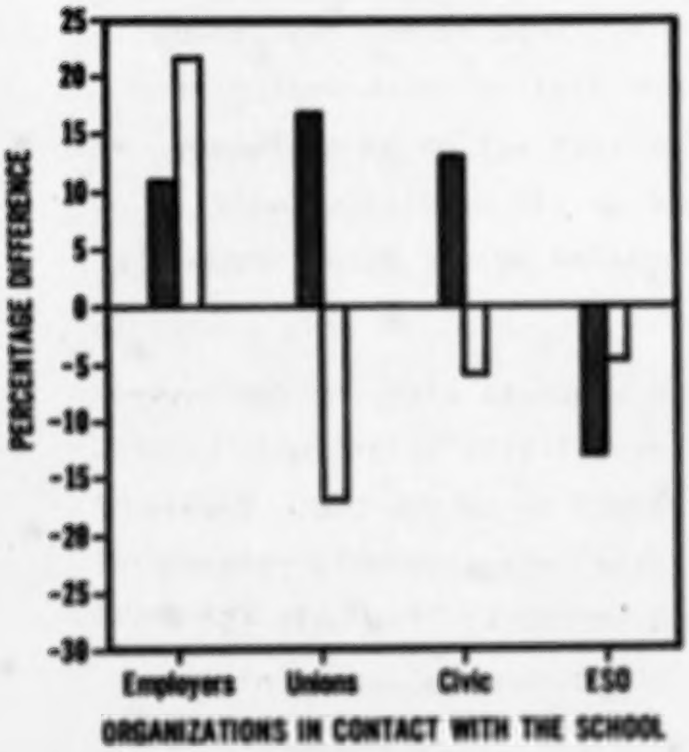

Figure 3. Percentage Differences between High and Low Criterion Schools in Placement Contacts

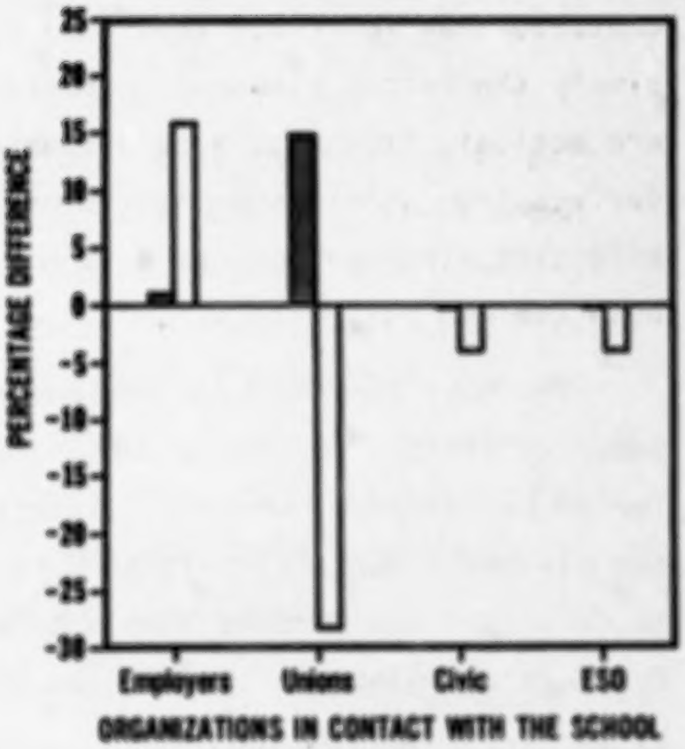

Figure 4. Percentage Differences between High and Low Criterion Schools in Advisory Contacts

▇ = school-initiated contacts
☐ = other-initiated contacts

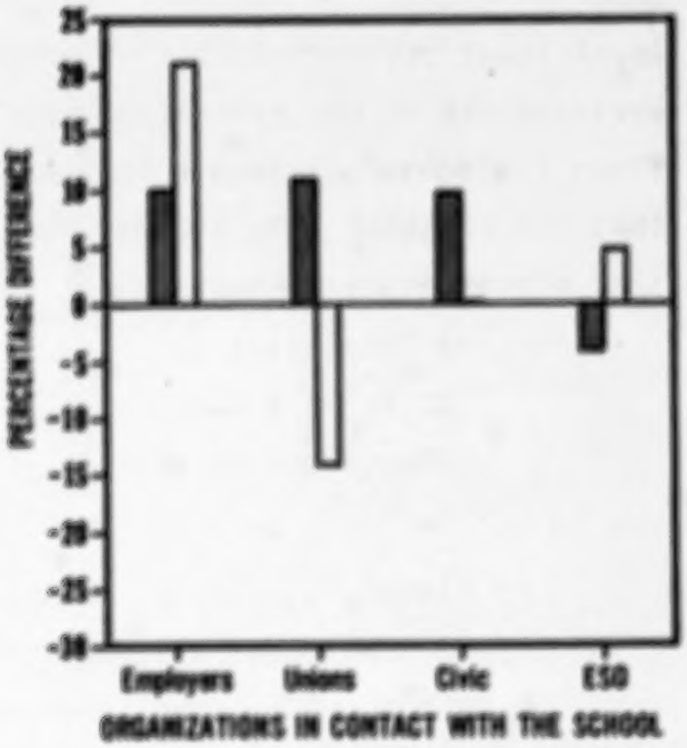

Figure 5. Percentage Differences between High and Low Criterion Schools in General Contacts

contacts than for those initiated by the schools. This result may reflect simply the better placement experience of communities in which employers are actively trying to hire graduates. Whether such action by employers derives from general manpower pressures or as a result of particularly effective placement programs is not clearly revealed by the data. Probably, both reasons play a role.

The most complex interactions are seen for contacts with the Employment Security Office. Advisory contacts appear to have little relation to criterion performance, whether initiated by the school or by the ESO. General and placement contacts initiated by the school are less favorably related to criterion performance than are ESO-initiated contacts. The only ESO contacts associated with superior criterion performance are those initiated by the ESO on general topics.

It is important to remember that the present analysis is concerned with the extent of general types of contact. Included in each type are contacts for numerous specific purposes, some of which are significantly related to high criterion performance and some of which are not. Results concerning specific contacts were provided in earlier chapters describing significant characteristics of schools and other organizations. The generalizations of the present chapter may nonetheless have important implications for school placement programs. Certainly, there is a strong suggestion that who contacts whom and for what purpose is an important factor in effective placement of graduates.

GENERAL CONCLUSIONS

This section summarizes the major conclusions of the study with particular attention to variables controllable by the schools. It is hoped that the findings of this study will prove useful to schools in planning placement programs. But it is recognized that the conclusions of a first study such as this are likely to provide only general guidelines for the practitioner and many problems for research, just as an early map describes the major features of an area and leaves much detail to be filled in by future exploration. The guidelines can be very useful, however, as a framework within which specific local plans are developed.

1. The fundamental issue is whether or not schools accept responsibility for graduate placement. Although placement of graduates is not considered universally to be a responsibility of the school, the evidence of this study is that superior placement and employment performance is achieved by graduates when school personnel help with placement through an organized program operated by the school. When schools provide assistance, their students benefit from it.

2. An active placement program can serve to offset the effects of general unemployment in an area, within limits. Yet, schools generally do not exert additional placement effort as a response to high unemployment. In the absence of an active placement program, placement performance tends to be largely a function of the level of general employment in the region.

3. Placement effectiveness is much more a function of local unemployment rate for comprehensive schools than for vocational schools, apparently because fewer comprehensive schools are committed to an active placement program

4. Activities of local news media probably are responsible in large part for the greater awareness, found in communities where unemployment is high, of the school and its activities. This increased awareness can serve as useful leverage if an active placement program is formulated and implemented.

5. Contacts between the school and other elements of the community are fundamental to a placement program. What community element is contacted and who initiates the contact are critical features determining the effect.

6. A personal, direct approach generally is best for contacts between schools and other community elements, although mass media can be useful for keeping some civic groups and the general public informed.

7. Contacts with employers are most important to effective placement, except in those situations where hiring is done directly through the union or where the union can exercise veto power. It is optimum for schools to encourage employers to take the lead in initiating contacts and to avoid overwhelming them with requests. However, active two-way communication between school and employers on a variety of matters is associated with effective placement.

8. Union contacts also are important to effective placement. In general, union contacts initiated by the school are associated with effective placement; those initiated by the union, particularly if of an advisory nature, are associated with ineffective placement performance. The evidence suggests that schools which overrespond to union views, at the expense of their own objectives for students, have less effective placement performance.

9. Civic organizations seem to play a limited role in vocational placement. Schools that depend upon the initiative of civic organizations for placement of students tend to have ineffective placement performance.

10. Schools that depend generally and heavily upon the Employment Security Office for student placement have less effective placement results than other schools. Yet, many ESO characteristics and activities are related to high placement performance. It appears that the ESO should be called upon in selected cases to which their unique techniques and information are directly applicable.

11. The need to eliminate from this study three predominantly Negro vocational schools with poor placement records because no Negro school could be found which had a balancing record of effective placement underscores the need to study special placement problems. The number of graduates taking many months for initial placement is relatively small. But the social significance of even a relative few being unable to find suitable employment for many months may make this a far more important problem than a reduction in the few weeks most persons spend seeking an initial job.

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APPENDIX A

Introduction to Appendices B through G

APPENDIX A

Introduction to Appendices B through G

Appendices B through G present the basic data upon which the main report is based together with the data collection instruments and their scoring keys. Each appendix, except G, presents first the questionnaire used to obtain information from one source, then a set of tables summarizing results from items in that questionnaire, and finally the key by which each item was scored. Appendix G presents tables for which data were drawn from several sources (questionnaires) in answer to general questions about the communities. The appendices and their subject matter are as follows.

Appendix B	School Data (Form S-1)
Appendix C	Community Organizations (Form C-1)
Appendix D	Employers (Forms C-2 and C-2S)
Appendix E	Employment Security Office (Form C-3)
Appendix F	Labor Organizations (Form C-4)
Appendix G	Community Characteristics

Table Format

A standard format was used for all tables in these appendices. Table 6 from Appendix B is shown below as an example.

Table 6. Number of Employer Contacts by School for Student Placement

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Number of Contacts for Placing Students (S-1, 3)	V H	8	1.550	184	85.8	23.0	186	1.40	2.23	188	2.66	1.[illegible]1	190	3.13	0.74
	L	8	1.099	168	84.6	22.6	171	1.71	2.37	168	2.29	1.[illegible]6	171	3.03	0.75
		t_g = .29		t = .51			t = .06			t = 3.05**			t = 1.35		
	C H	7	1.788	106	86.0	21.0	106	1.26	1.58	108	2.16	1.[illegible]6	109	3.10	0.74
	L	6	1.232	142	84.2	24.0	145	1.51	2.27	144	2.22	1.[illegible]9	144	3.09	0.73
		t_g = .04		t = .41			t = .58			t = .48			t = .12		
Number of Employers Named (S-1, 7)	V H	8	5.286	169	86.8	23.4	179	1.45	2.72	176	2.70	1.[illegible]0	178	3.18	0.73
	L	8	3.595	183	83.8	22.0	178	1.74	2.39	180	2.37	1.[illegible]5	183	2.99	0.75
		t_g = 1.34		t = 1.18			t = 1.05			t = 3.59**			t = 2.45*		
	C H	6	6.282	129	84.9	23.3	127	1.35	2.04	126	2.29	1.[illegible]6	128	3.07	0.76
	L	7	3.976	124	84.9	22.1	124	1.46	1.99	126	2.10	1.[illegible]7	125	3.13	0.70
		t_g = .10		t = .01			t = .41			t = 1.31			t = .60		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

For each questionnaire item related to the subject stated by the title, this table compares the criterion scores of graduates from vocational schools scoring high on the item with those from vocational schools scoring low on the item. It makes the same report for comprehensive schools. The headings, content, and symbols used in the tables are explained below.

Description of Variable and Data Form. This column gives a brief description of the items analyzed and cites the data form and item number. Thus, in Table 6 above, the first item in the table concerns the "number of contacts for placing students." It is item 3 in questionnaire S-1.

Group. This column labels the data for each item according to whether it is from a vocational (V) or comprehensive (C) school and whether the school scored high (H) or low (L) on the item.

Community Scores. Under the heading "Schools" is entered the number of schools of each group (e.g., VH) contributing to the item score. When all schools responded to the item, and when the range of possible scores permitted, eight would be the expected number of schools in both high and low groups for each type. These conditions did not always prevail, however. Only 13 of the 16 comprehensive schools gave a usable response to the first item in Table 6, for example. So, the high group contains seven schools and the low group six.

The column labeled "M" lists the mean score on the item for each type of school. Thus, in Table 6, the average number of placement contacts made during 1964 by respondents from high scoring vocational schools was 1.550. Respondents from low scoring vocational schools averaged 1.099 contacts.

On each item, the average unemployment rate was computed separately for the high and low scoring schools. The difference between these means was tested for each item and the result is labeled t_U and entered in a separate box in the "Community Scores" column. Consider the first item in Table 6; t_U for the difference in average unemployment rates of high and low scoring comprehensive schools is .64 which is not significant.

Graduate Criterion Results. This section reports for each item on the criterion scores of graduates from each group of schools. Thus, the average security score for 184 graduates of the vocational schools scoring high on the first item in Table 6 was 85.8 with a standard deviation of 23.8. For low scoring vocational schools, 168 graduates had an average security score of 84.6 with a standard deviation of 22.6. The "t = .51" entered below these data indicates the result of a t-test of the significance of the difference between mean scores of high and low groups. In this case, it is not significant. For the "Relatedness" scores of graduates from these same schools, however, the difference is significant (t = 3.05) at the .01 level of confidence.

The definitions of criterion scores are given in the body of the report. For all scores except "placement," higher scores represent superior performance. The placement score, however, reports months to first job, so better placement scores are smaller than poorer scores.

Table Sequence

To facilitate locating results for particular items or questionnaire sections, the tables have been arranged in each appendix so that item results appear in substantially the sequence used in the associated questionnaire. In Appendix B (Data Form S-1: The School), for example, data from Section 1 of the questionnaire, "School Placement Activities," are presented in Tables 1-7. The data from Section 2 of the questionnaire are presented next, and so on.

An individual item may not appear in the tables following a questionnaire for either of two reasons. First, some items appeared in several questionnaires. Results for these items are reported in Appendix G where the different responses of the several sources are displayed for comparison and synthesis. Secondly, results from a number of items provided no usable range of scores. Thus, some items were responded to in exactly the same way by nearly every school and some were unanimously omitted or marked "not applicable." Such items did not permit us to identify high and low scoring groups of schools and were omitted from the analysis.

Scoring of Items

Each appendix includes as its last item the key used in scoring the items of the questionnaire. These keys are self-explanatory except for five symbols used in the columns headed "Item" and "Code." These symbols, which also appear in the tables beside the item number, indicate certain frequently occurring types of scores. These types and their symbols are described below.

1. Frequency scores were represented by placing an "F" after the item number, e.g., "2F." These overall frequency scores were obtained by summing the frequency scores for each of the sub-items of a general item. For example, if an item was designed to determine how often a school contacted each of several community organizations, the overall frequency score would be obtained by summing the frequencies indicated for each of the community organizations.
2. Variety scores were designated by a "V" following the item number, such as "3V." The variety score represents the number of different sub-items used by a respondent. For example, if an item had ten different reasons for contacting an employer and the respondent marked only seven of them as being used, the item would receive a score of seven.
3. Not-applicable scores were represented with a "NA" after the item number (1NA). This score was obtained in the same manner as the variety score, i.e., the number of sub-items reported as "not applicable" was counted.
4. No-opinion scores were represented by the letters "NO" after an item number (1NO). They were summed in the same way as the variety and not-applicable scores.
5. An item which had a number that was to be copied verbatim from the questionnaire would have an "R" (record) in the code column. For example, if a shop instructor made 20 trips to a local employer, the item would be coded with a score of 20.

Scores for each source of information (e.g., a school) were determined by averaging the scores of respondents at that source. Thus, if only one person appropriately supplied the information for an item, as for Item 1 in Data Form S-1 for example, his response was the score. If several persons appropriately supplied information for an item, as for Item 3 in Data Form S-1, the average of the scores of respondents was the school's score.

APPENDIX B

School Data

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BUDGET BUREAU
NUMBER: 44-6507
EXPIRES: 11/30/65

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study by
The American Institutes for Research

DATA FORM S-1

THE SCHOOL

Conducted Under Contract With
The Office of Manpower, Automation and Training
United States Department of Labor

GENERAL INSTRUCTIONS

Dear Participant:

You have been selected to participate in a nationwide study concerned with the placement and employment of graduates in trade and industrial education. The enclosed brochure describes the details of this important study.

Complete only those items that are appropriate to your position and responsibility. Administrative personnel, such as principals, directors, and supervisors should complete the items designated for them as well as the items for "All School Professional Personnel".

You can be assured that neither you nor your school will be identified in any way with the information you provide. Complete anonymity as to source will be maintained in any publication resulting from this study.

Thank you for your generous cooperation.

Your Name ________________________________
Official Title ________________________________
School ________________________________
Address ________________________________
Street City State Zip Code

Phone Number ________________________________

SECTION I

PLEASE DO NOT WRITE BELOW

OOL PLACEMENT ACTIVITIES. This section deals with what school personnel do help place trade and industrial education course graduates in jobs related their field of training.

(SCHOOL ADMINISTRATIVE HEAD). Which of the following school personnel have an assigned responsibility for helping trade and industrial course graduates find full-time employment in their field of training?

	1 NOT APPLICABLE	2 YES	3 NO
1. Principal	☐	☐	☐
2. Vocational Director	☐	☐	☐
3. Assistant Principal	☐	☐	☐
4. Assistant Vocational Director	☐	☐	☐
5. Guidance Counselor	☐	☐	☐
6. Placement Head	☐	☐	☐
7. Shop Instructors	☐	☐	☐
8. Other (specify) ______________	☐	☐	☐

(SCHOOL ADMINISTRATIVE HEAD). Is there one person who has direct responsibility for coordinating and/or controlling the individual placement activities of school personnel who are expected to do some placement work?

☐ 1. Yes ⟶ If yes, who is that person? (Check one)
☐ 2. No

☐ 1. Principal
☐ 2. Vocational Director
☐ 3. Assistant Principal
☐ 4. Assistant Vocational Director
☐ 5. Guidance Counselor
☐ 6. Placement Head
☐ 7. Trade and Industrial Instructors
☐ 8. Other (specify) ______________

(ALL SCHOOL PROFESSIONAL PERSONNEL). Approximately how many employers or employer representatives did you* visit or otherwise contact during the 1964 calendar year on a matter related to placing graduates in jobs related to their training? Please estimate.

☐ 1. None
☐ 2. 1-12
☐ 3. 13-24
☐ 4. 25-48
☐ 5. Other (specify) ______

Each time the word "you" is used, it means you personally rather than your school, your department, etc.

PLEASE DO NOT WRITE BELOW

(ALL EXCEPT SCHOOL ADMINISTRATIVE HEAD). Does the written or unwritten policy of your school require you*to assist in the placement of trade and industrial course graduates in their fields of training?

( ) 1. Yes → If yes, answer sub-items below.
( ) 2. No
( ) 3. Don't know

4-A Do you agree with the policy that you have a responsibility for helping vocational course graduates find jobs?

( ) 1. Strongly agree
( ) 2. Agree
( ) 3. Disagree
( ) 4. Strongly disagree

4-B Which phrase best describes your placement activities as determined by school policy?

( ) 1. It is left entirely up to me to decide my placement activities

( ) 2. Specific placement activities are assigned by school policy

4-C Are you required to report any of your efforts to find jobs for graduates to higher levels?

( ) 1. Yes, verbally
( ) 2. Yes, in writing
( ) 3. No

4-D Does the school allow you time to carry out activities related to finding jobs for graduates?

( ) 1. Yes → If yes, how much time?
( ) 2. No

_____ Av. Hrs./Wk.

4-E How many of the 1964 vocational trade and industrial graduates did you*place?

1. ______________

(T & I INSTRUCTORS ONLY). What is the principal method that you*employ when contacting employers or employer representatives on matters related to the job placement of graduates?

( ) 1. Personal visit to employer
( ) 2. Telephone contact
( ) 3. Letter contact
( ) 4. Other (specify) ________________

(ALL SCHOOL PROFESSIONAL PERSONNEL). We want to learn what you* do to help graduates find jobs. Read each item listed below. To the right of each item, indicate with a check ( ) the approximate number of times PER YEAR that you provide the kind of assistance described. If the item is not applicable to your position, check the NA space.

	KINDS OF PLACEMENT ASSISTANCE	APPROXIMATE FREQUENCY						PLEASE DO NOT WRITE BELOW
		NA	0	1-12	13-24	25-48	More Than 48	
1.	Contact employers to try to place specific individual	( )	( )	( )	( )	( )	( )	
2.	Send notices to potential employers to let them know about graduates	( )	( )	( )	( )	( )	( )	
3.	Send graduates/students to local employment security officer	( )	( )	( )	( )	( )	( )	
4.	Advise graduates/students of employers to contact for jobs	( )	( )	( )	( )	( )	( )	
5.	Inform general or craft advisory committee of students needing jobs	( )	( )	( )	( )	( )	( )	
6.	Keep record of employer requests for graduates to fill jobs	( )	( )	( )	( )	( )	( )	
7.	Make personal trips to employers to discuss job openings	( )	( )	( )	( )	( )	( )	
8.	Contact employment security offices about job openings	( )	( )	( )	( )	( )	( )	
9.	Inform private employment agencies of students available for jobs	( )	( )	( )	( )	( )	( )	
10.	Contact local apprenticeship committees to place students	( )	( )	( )	( )	( )	( )	
11.	Contact local labor unions about job openings for graduates	( )	( )	( )	( )	( )	( )	
12.	Remind local employers during school year to make needs known	( )	( )	( )	( )	( )	( )	
13.	Send questionnaires to employers to ask about job openings	( )	( )	( )	( )	( )	( )	
14.	Use announcements in newspapers to inform employer community	( )	( )	( )	( )	( )	( )	
15.	Arrange for employer representatives to interview at school	( )	( )	( )	( )	( )	( )	
16.	Review newspaper want-ads for jobs for students	( )	( )	( )	( )	( )	( )	
17.	Use radio and/or TV announcements to inform employers about graduates	( )	( )	( )	( )	( )	( )	
18.	Contact employers during school year to line up jobs for graduates	( )	( )	( )	( )	( )	( )	
19.	Instruct students on how to find and apply for jobs	( )	( )	( )	( )	( )	( )	
20.	Other than above ____________	( )	( )	( )	( )	( )	( )	

PLEASE DO NOT
WRITE BELOW

7. (ALL SCHOOL PROFESSIONAL PERSONNEL). To do an analysis of the type of employers who are being contacted by school personnel, we need to know whom you*have contacted. List below as many as ten employers or employer representatives whom you visited during the period indicated above ON A MATTER RELATED TO PLACING GRADUATES IN JOBS. Give name of the person contacted, the name of the company, and the location if not in the same city as the school. If you*contacted NONE, check the space at the right. ⟶ ( )

1. Person ____________
Establishment ____________
Location ____________

2. Person ____________
Establishment ____________
Location ____________

3. Person ____________
Establishment ____________
Location ____________

4. Person ____________
Establishment ____________
Location ____________

5. Person ____________
Establishment ____________
Location ____________

6. Person ____________
Establishment ____________
Location ____________

7. Person ____________
Establishment ____________
Location ____________

8. Person ____________
Establishment ____________
Location ____________

9. Person ____________
Establishment ____________
Location ____________

10. Person ____________
Establishment ____________
Location ____________

SECTION II

SCHOOL-EMPLOYER RELATIONSHIPS. This section is concerned with school policies, procedures, and practices that are related to maintaining a close relationship with the potential community employers of trade and industrial course graduates.

8. (SCHOOL ADMINISTRATIVE HEAD). Is it the school's policy to attempt to maintain a close relationship with the employers in the community who may have jobs for vocational course graduates?

( ) 1. Yes
( ) 2. No

9. (SCHOOL ADMINISTRATIVE HEAD). Are T & I instructors required to make visits to employer locations?

( ) 1. Yes ⟶ If yes, is there a specified number of visits per month? If so, how many?
( ) 2. No

( ) 1. Yes ____ per month
( ) 2. No

PLEASE DO NOT WRITE BELOW

. (SCHOOL ADMINISTRATIVE HEAD). Does the school have an organized program designed to develop and/or maintain close relationship with community employers?

( ) 1. Yes ⟶ If yes, discuss with interviewer. Interviewer will record essentials of program.
( ) 2. No

. (T & I INSTRUCTORS ONLY). Does a written or unwritten policy of the school require you*to visit community employers to maintain desirable school-employer relations?

( ) 1. Yes ⟶ If yes, do you agree with the policy that requires such visits?
( ) 2. No
( ) 3. Don't know

( ) 1. Strongly agree
( ) 2. Agree
( ) 3. Disagree
( ) 4. Strongly disagree

. (ALL SCHOOL PROFESSIONAL PERSONNEL). Below is a list of reasons why school personnel may contact employers. If a reason is not applicable to your position or your school, check the NA space. Otherwise, ESTIMATE the number of times a reason was the MAIN PURPOSE for contacting employers during the 1964 calendar year.

	NA	NUMBER OF TIMES
1. To try to place graduate in job	( )	______
2. To try to place co-op student	( )	______
3. To check former students' progress	( )	______
4. To check co-op students' progress	( )	______
5. To discuss curriculum changes	( )	______
6. To arrange for "field trip"	( )	______
7. To ask for outside speaker	( )	______
8. To invite to a school program	( )	______
9. To request materials or supplies	( )	______
10. To obtain shop equipment	( )	______
11. To invite to advisory committee	( )	______
12. To inquire about job openings	( )	______
13. To obtain adult course instructors	( )	______
14. To solicit financial assistance	( )	______
15. To solicit advisory services	( )	______
16. To discuss material problem	( )	______
17. To inform about new developments	( )	______
18. To obtain information for course	( )	______
19. Other (specify) ______________	( )	______

13. (ALL SCHOOL PROFESSIONAL PERSONNEL). In the space below, list the LAST FOUR employers or employer representatives that you*can recall contacting in person, by phone, or by mail for reasons other than graduate or student placement. To the right of each employer contacted, indicate the purpose of the contact with a brief phrase, e.g. "inquire about student progress", "discuss curriculum problem", etc.

PLEASE DO NOT
WRITE BELOW

1. Person ____________ Purpose ____________
Establishment ____________ ____________
Location ____________ ____________
Approx. Date ____________ ____________

2. Person ____________ Purpose ____________
Establishment ____________ ____________
Location ____________ ____________
Approx. Date ____________ ____________

3. Person ____________ Purpose ____________
Establishment ____________ ____________
Location ____________ ____________
Approx. Date ____________ ____________

4. Person ____________ Purpose ____________
Establishment ____________ ____________
Location ____________ ____________
Approx. Date ____________ ____________

14. (ALL SCHOOL PROFESSIONAL PERSONNEL). Listed below are some ways that schools use to promote effective school-employer relations. For each item that is applicable to your position, estimate the number of times you*engaged in the activity for the 1964 calendar year. A reasonably close estimate is all that is required. If the activity is NOT APPLICABLE to your position or your school, check the NA space at the left.

NA	WAYS TO PROMOTE SCHOOL-EMPLOYER RELATIONS	ESTIMATED NUMBER
( )	1. General Advisory Committee meetings	____
( )	2. Craft Advisory Committee meetings	____
( )	3. Apprenticeship Committee meetings	____
( )	4. Personal visits to employer locations	____
( )	5. Student "plant tours" arranged by you	____
( )	6. Talks given to employer organizations	____
( )	7. Shop "open house" events for employers	____
( )	8. Phone contacts with employers	____
( )	9. "Printed matter" contacts with employers	____
( )	10. Mail contacts with employers	____
( )	11. Other (specify) ____________	____

SECTION III

OOL-LABOR ORGANIZATION RELATIONSHIPS. This section is concerned with school icies, procedures and practices that are related to maintaining a close ationship with labor organizations in the community.

PLEASE DO NOT WRITE BELOW

(SCHOOL ADMINISTRATIVE HEAD). Is it the school's policy to attempt to maintain a close relationship with the labor organizations in the community?

( ) 1. Yes
( ) 2. No
( ) 3. Not applicable; no labor organization in community

(SCHOOL ADMINISTRATIVE HEAD). Does the school have an organized program designed to develop and/or maintain close relations with labor organizations in the community?

( ) 1. Yes → If yes, discuss with interviewer. Interviewer will record essentials of program.
( ) 2. No
( ) 3. Not applicable

(ALL SCHOOL PROFESSIONAL PERSONNEL). Listed below are some ways that schools use to promote effective school-labor organization relations. For each item that is applicable to your position, estimate the number of times that you were in contact with labor organization representatives during the 1964 calendar year. If the item is NOT APPLICABLE to your position or your school, check the NA space at the left.

NA			ESTIMATED NO.
( )	1.	Attendance at General Advisory Committee Meetings	____
( )	2.	Attendance at Craft Advisory Committee Meetings	____
( )	3.	Attendance at Apprenticeship Advisory Committee Meetings	____
( )	4.	Attendance at other meetings involving labor contacts	____
( )	5.	Personal visits to labor organization officials	____
( )	6.	Personal visits from labor organization officials	____
( )	7.	Talks given to labor organization meetings	____
( )	8.	Special school events involving labor contacts	____
( )	9.	Phone contacts with labor union officials	____
( )	10.	"Printed matter" contacts with labor organizations	____
( )	11.	Personal letter contacts with labor officials	____
( )	12.	Other contacts with labor officials (specify)	
		________________________________	____

8. (ALL SCHOOL PROFESSIONAL PERSONNEL). Below is a list of reasons why school personnel may contact labor organization officials. If a reason is NOT APPLICABLE to your position or your school, check the NA space at the left. Otherwise, ESTIMATE the number of times you*contacted labor organization representatives during the 1964 calendar year for the reasons stated. A contact may be a personal visit, a letter, a phone discussion, or an interaction at a group meeting.

PLEASE DO NO
WRITE BELOW

NA		REASONS FOR CONTACTING LABOR	None	1-6	7-12	13-24	25-48	MORE THAN 48	
( )	1.	To find a job for graduate	( )	( )	( )	( )	( )	( )	____
( )	2.	To check former students' progress	( )	( )	( )	( )	( )	( )	____
( )	3.	To discuss apprenticeship program	( )	( )	( )	( )	( )	( )	____
( )	4.	To discuss curriculum change	( )	( )	( )	( )	( )	( )	____
( )	5.	To ask for outside speaker	( )	( )	( )	( )	( )	( )	____
( )	6.	To invite to school activity	( )	( )	( )	( )	( )	( )	____
( )	7.	To discuss employment needs	( )	( )	( )	( )	( )	( )	____
( )	8.	To obtain adult course instructors	( )	( )	( )	( )	( )	( )	____
( )	9.	To solicit technical information	( )	( )	( )	( )	( )	( )	____
( )	10.	To inform about new developments	( )	( )	( )	( )	( )	( )	____
( )	11.	To invite to advisory committee meeting	( )	( )	( )	( )	( )	( )	____
( )	12.	To find job for students	( )	( )	( )	( )	( )	( )	____
( )	13.	Other (specify) ____________ ______________________	( )	( )	( )	( )	( )	( )	____

9. (SCHOOL ADMINISTRATIVE HEAD). What labor organizations are now represented on your general, craft, apprenticeship, and other types of advisory committees? Give the name of the person, his title, and the labor organization represented. If there is no such representative or if the school has no such advisory committees, check the space at the right. ——→( ) ____

1. Person ____________________
Title ____________________
Org. ____________________
**National ____________________

2. Person ____________________
Title ____________________
Org. ____________________
National ____________________

3, Person ____________________
Title ____________________
Org. ____________________
National ____________________

4. Person ____________________
Title ____________________
Org. ____________________
National ____________________

5. Person ____________________
Title ____________________
Org. ____________________
National ____________________

6. Person ____________________
Title ____________________
Org. ____________________
National ____________________

7. Person ____________________
Title ____________________
Org. ____________________
National ____________________

8. Person ____________________
Title ____________________
Org. ____________________
National ____________________

____

A.I.R. personnel will complete

(T & I INSTRUCTORS ONLY). Please identify the labor organizations in your community with which your graduates are likely to affiliate. If they are not likely to affiliate with any such organizations because of the nature of their trade or if there are no such organizations in your community, check the space at the right. ——→( )

1. Organization: ______________________________
2. Organization: ______________________________
3. Organization: ______________________________
4. Organization: ______________________________
5. Organization: ______________________________

(T & I INSTRUCTORS ONLY). If you listed any labor organizations in item 20 above, please identify those which represent a problem in terms of placing graduates in apprenticeship programs. If none are a problem, check the space at the right. ——→( )

1. ____________________ ____________________
2. ____________________ ____________________
3. ____________________ ____________________
4. ____________________ ____________________
5. ____________________ ____________________

(ALL SCHOOL PROFESSIONAL PERSONNEL). In the space below, identify the LAST FOUR labor organization representatives that you can recall contacting in person, by phone, or by mail. To the right of each contact, indicate the purpose of the contact with a brief phrase, e.g. "discuss apprenticeship program", "request trade information", "inquire about employment opportunities", etc.

1. Person ____________ Purpose ____________
Org. ____________ ____________
Approx. Date ____________ ____________

2. Person ____________ Purpose ____________
Org. ____________ ____________
Approx. Date ____________ ____________

3. Person ____________ Purpose ____________
Org. ____________ ____________
Approx. Date ____________ ____________

4. Person ____________ Purpose ____________
Org. ____________ ____________
Approx. Date ____________ ____________

PLEASE DO NOT WRITE BELOW

SECTION IV

PLEASE DO NOT WRITE BELOW

SCHOOL-EMPLOYMENT SECURITY OFFICE RELATIONSHIPS. This section concerns the school's policies, practices, and experiences with the local state employment security offices.

23. (SCHOOL ADMINISTRATIVE HEAD). Is it the school's policy to attempt to maintain a close relationship with the local state employment security office?

☐ 1. Yes → If no, explain reason to the interviewer
☐ 2. No

24. (SCHOOL ADMINISTRATIVE HEAD). Does the school have any program of periodic contacts to develop and/or maintain a close relationship with the state employment security office?

☐ 1. Yes → If yes, discuss with interviewer who will record essentials of program
☐ 2. No
☐ 3. Not applicable

25. (ALL SCHOOL PROFESSIONAL PERSONNEL). Below is a list of reasons why school personnel might contact the local state employment security office. If the reason is not applicable to your position or your school, check the NA space at the left. Otherwise, ESTIMATE the number of times you*contacted the employment security office during the 1964 calendar year for the reasons stated.

NA			None	1-6	7-12	13-24	25-48	More Than 48
☐	1.	To inquire about job opportunities	☐	☐	☐	☐	☐	☐
☐	2.	To try to place graduate/student	☐	☐	☐	☐	☐	☐
☐	3.	To request school program speaker	☐	☐	☐	☐	☐	☐
☐	4.	To invite representative to school program	☐	☐	☐	☐	☐	☐
☐	5.	To arrange for aptitude testing	☐	☐	☐	☐	☐	☐
☐	6.	To arrange for vocational counseling	☐	☐	☐	☐	☐	☐
☐	7.	To obtain occupational information	☐	☐	☐	☐	☐	☐
☐	8.	Other than above (specify below)	☐	☐	☐	☐	☐	☐

PLEASE DO NOT WRITE BELOW

(ALL SCHOOL PROFESSIONAL PERSONNEL). In the space below, identify the last four persons at the state employment security office whom you*contacted in person, by phone, or by mail. Indicate the approximate date of contact and reason for contact. If you have never contacted the employment security office this school year, check the space at the right. ——→( )

1. Person ____________________ Purpose ____________________
2. Approx. Date ____________________ ____________________

2. Person ____________________ Purpose ____________________
Approx. Date ____________________ ____________________

3. Person ____________________ Purpose ____________________
Approx. Date ____________________ ____________________

4. Person ____________________ Purpose ____________________
Approx. Date ____________________ ____________________

(ALL SCHOOL PROFESSIONAL PERSONNEL). Below is a list of reasons why state employment security personnel might contact school personnel. Consider each item and estimate the number of times you*were contacted during the 1964 calendar year. (A contact may be a personal visit, a telephone conversation, or a letter.) If you were not contacted, check the space at the right. ——→ ( )

	None	1-6	7-12	13-24	25-48	More Than 48
1. To request student references	( )	( )	( )	( )	( )	( )
2. To arrange for aptitude testing	( )	( )	( )	( )	( )	( )
3. To make counseling arrangements	( )	( )	( )	( )	( )	( )
4. To notify about job openings	( )	( )	( )	( )	( )	( )
5. Other than above (specify) ____________________	( )	( )	( )	( )	( )	( )

(SCHOOL ADMINISTRATIVE HEAD). How long has it been since a representative of the state employment security office has visited the school to discuss matters of related concern?

( ) 1. Do not recall having such a visit
( ) 2. Within last 6 months
( ) 3. Between 6 months and a year ago
( ) 4. Between a year and two years ago
( ) 5. More than two years ago
( ) 6. Don't know

(T & I INSTRUCTORS ONLY). How many of your students graduated in the school year 1963-1964? __________

(T & I INSTRUCTORS ONLY). Of the total graduates (Item 29) how many did you*refer to the state employment security office? __________

PLEASE DO NO
WRITE BELOW

31. (T & I INSTRUCTORS AND COUNSELORS). Do you make it a practice to orient 12th year students on the services of the local state employment security office?

( ) 1. Yes ⟶ If yes, answer subquestions below for the year 1963-64.
( ) 2. No

	1 Group	2 Individual
31.1 No. of orientation sessions?	___	___
31.2 Total time to complete?	___	___
31.3 Printed material used?	___	___
1. Yes	___	___
2. No	___	___

SECTION V

SCHOOL-COMMUNITY RELATIONS. This section is concerned with the school's policies, practices, and experiences that are related to developing and/or maintaining a close relationship with the community served.

32. (SCHOOL ADMINISTRATIVE HEAD). Is it the school's policy to develop and maintain a close relationship with the major elements of the community served?

( ) 1. Yes
( ) 2. No

33. (SCHOOL ADMINISTRATIVE HEAD). Does the school have a program to develop and/or maintain a close relationship with the community served?

( ) 1. Yes ⟶ If yes, discuss program with A.I.R. interviewer. Interviewer will record essentials.
( ) 2. No

34. (SCHOOL ADMINISTRATIVE HEAD). Below is a list of ways in which community organizations may help a school's vocational programs. Indicate the degree to which you feel such organizations have helped your school in the ways listed. If they have been helpful in ways other than listed, please specify and mark the degree of helpfulness. If an item is NOT APPLICABLE, check the NA space at the left.

NA		WAYS ORGANIZATIONS MAY HELP	1 No Help	2 Some Help	3 Much Help
( )	1.	Job placement (students/graduates)	( )	( )	( )
( )	2.	Aid in securing equipment & supplies	( )	( )	( )
( )	3.	Improving image of the school	( )	( )	( )
( )	4.	Aid in teacher recruitment	( )	( )	( )
( )	5.	Help with special school projects	( )	( )	( )
( )	6.	Participation in school "public" programs	( )	( )	( )
( )	7.	Referral of adult education students	( )	( )	( )
( )	8.	Procurement of books & periodicals	( )	( )	( )
( )	9.	Representation on advisory committees	( )	( )	( )
	10.	Other (specify below) ______________________	( )	( )	( )
	11.	Other (specify below) ______________________	( )	( )	( )

(ALL SCHOOL PROFESSIONAL PERSONNEL). We need to assess the degree to which school personnel are actively involved in community organizations in order to determine whether such activities have any bearing on the placement and employment of T & I course graduates. Community organizations are listed below. Please consider each in terms of the sub-question in Col. 1 If you were a member and/or had contacts with the organization during the 1964 calendar year, check (✓) the space in Col. 1 and answer all other questions regarding the organization. If you were not a member and had no contacts with the organization, place an N in the Col. 1 answer space, and go on to the next organization listed. Write in the names of organizations not listed in which you have membership or with which you have contacts. Follow through with the information requested.

PLEASE DO NOT WRITE BELOW

COMMUNITY ORGANIZATIONS	1	2	3	4	5	6	7
Answer in terms of 1964 calendar year only	A MEMBER AND/OR HAD CONTACTS	NO. CONTACTS AS SCHOOL REPRESENTATIVE	NO. OF TALKS GIVEN TO MEMBERS	NO. OF MEETINGS ATTENDED	NO. OF COMMITTEE MEMBERSHIPS	HAS ORGANIZATION EVER HELPED YOUR SCHOOL'S VOCATIONAL EDUCATION PROGRAM?	LEAVE THIS SPACE BLANK
1. Chamber of Commerce						( ) Yes ( )No	
2. Jr. Chamber of Commerce						( ) Yes ( )No	
3. Elks						( ) Yes ( )No	
4. Eagles						( ) Yes ( )No	
5. I.O.O.F						( ) Yes ( )No	
6. Knights of Columbus						( ) Yes ( )No	
7. Masons						( ) Yes ( )No	
8. Moose						( ) Yes ( )No	
9. Kiwanis						( ) Yes ( )No	
10. Lions						( ) Yes ( )No	
11. Optimists						( ) Yes ( )No	
12. American Legion						( ) Yes ( )No	
13. V.F.W.						( ) Yes ( )No	
14. Civic Assoc.						( ) Yes ( )No	
15. Rotary						( ) Yes ( )No	
16. American Veterans						( ) Yes ( )No	
17. N.A.A.C.P.						( ) Yes ( )No	
18.						( ) Yes ( )No	
19.						( ) Yes ( )No	
20.						( ) Yes ( )No	

PLEASE DO NOT WRITE BELOW

6. (ALL SCHOOL PROFESSIONAL PERSONNEL). To complete our analysis of school-community organization interaction, we need to know what specific community organizations you*have contactedin ANY CAPACITY RELATED TO VOCATIONAL EDUCATION. List below the LAST FOUR community organizations that you have contacted in this school year. A contact may be a personal visit, a phone call, or letter. To the right of each such contact indicate the purpose of the contact with a brief phrase, e.g. "to invite to school visit", "to solicit help with school project", etc. If you*initiated no such contacts, check the space at the right.——→( )

1. Person ______________ Purpose ______________
   Org. ______________ ______________
   Approx. Date ______________ ______________
2. Person ______________ Purpose ______________
   Org. ______________ ______________
   Approx. Date ______________ ______________
3. Person ______________ Purpose ______________
   Org. ______________ ______________
   Approx. Date ______________ ______________
4. Person ______________ Purpose ______________
   Org. ______________ ______________
   Approx. Date ______________ ______________

7. (ALL SCHOOL PROFESSIONAL PERSONNEL). Below is a list of reasons why school personnel may initiate contacts with community organizations of the kind listed in Item 35. If a reason is NOT APPLICABLE to your position or your school policy, check the NA space at the left. Otherwise, ESTIMATE the number of times you*contacted such organizations in the 1964 calendar year for the reasons stated. A contact may be a personal visit, a phone discussion, or a letter, or attendance at a group meeting.

NA	REASONS FOR CONTACT	None	1-6	7-12	13-24	25-48	More Than 48
( )	1. To explain vocational program	( )	( )	( )	( )	( )	( )
( )	2. To improve community support	( )	( )	( )	( )	( )	( )
( )	3. To solicit equipment funds	( )	( )	( )	( )	( )	( )
( )	4. To seek help in placement	( )	( )	( )	( )	( )	( )
( )	5. To secure advisory services	( )	( )	( )	( )	( )	( )
( )	6. Other (specify) ______________	( )	( )	( )	( )	( )	( )
( )	7. Other (specify) ______________	( )	( )	( )	( )	( )	( )

8. (SCHOOL ADMINISTRATIVE HEAD). What type of programs has the school conducted during the 1964 calendar year to which members of the public have been invited? (List below.) Estimate the approximate attendance.

TYPE OF INVITATIONAL ACTIVITY	ATTENDANCE
1. ______________	____
2. ______________	____
3. ______________	____
4. ______________	____
5. ______________	____
6. ______________	____
TOTAL	____

PLEASE DO NOT WRITE BELOW

(SCHOOL ADMINISTRATIVE HEAD). Did your local newspapers print articles or news items during the 1964 calendar year that were related to your school's vocational programs?

( ) 1. Yes ——→ If yes, please answer sub-items below:
( ) 2. No
( ) 3. Don't know

39.1 How many articles or news items? ____
39.2 What was total space in inches? ____
39.3 Did articles in general give a favorable picture of the school's vocational education efforts?

( ) 1. Yes
( ) 2. No

39.4 Have the newspapers in your community been generally favorable to vocational education?

( ) 1. Yes
( ) 2. No

(SCHOOL ADMINISTRATIVE HEAD). Did your local radio stations broadcast any programs or news items during the 1964 calendar year that were related to your school's vocational programs?

( ) 1. Yes ——→ If yes, please answer sub-items below:
( ) 2. No
( ) 3. Don't know

40.1 How many such broadcasts? ____
40.2 What was total broadcast time? ____
40.3 Did the broadcasts in general give a favorable picture of the school's vocational education programs?

( ) 1. Yes
( ) 2. No

40.4 Have the radio media in your community been generally favorable to vocational education?

( ) 1. Yes
( ) 2. No

(SCHOOL ADMINISTRATIVE HEAD). Have your local TV stations telecast any programs or news items during the 1964 calendar year that were related to your school's vocational programs?

( ) 1. Yes ——→ If yes, please answer sub-items below:
( ) 2. No
( ) 3. Don't know

41.1 How many such telecasts? ____
41.2 What was total telecast time? ____
41.3 Did the telecast give a generally favorable picture of the school's vocational education program?

( ) 1. Yes
( ) 2. No

41.4 Has the TV medium in your community been generally favorable to vocational education?

( ) 1. Yes
( ) 2. No

SECTION VI

PLEASE DO NOT
WRITE BELOW

ISCELLANEOUS SCHOOL INFORMATION. This section is concerned with other than day igh school level vocational educational services rendered by the school. It is eft to the school administrative head to determine who can best provide the in-ormation.

42. (SCHOOL ADMINISTRATIVE HEAD). Has the school provided ADULT T & I EXTENSION CLASSES during the period from 1958 to the present time in any of the areas indicated? Check the appropriate answer for each trade area. At the far right, indicate whether an advisory committee existed for the extension courses offered. If no adult extension courses were offered, check the space at the right. ——→ ( )

	ADULT EXTENSION CLASSES GIVEN (1958-1965) PERIOD			USE MADE OF AN ADVISORY COMMITTEE				
	1	2	3	1	2	3		
	Yes	No	Don't Know	Yes	No	Don't know		
1. Automotive Mechanics	( )	( )	( )	( )	( )	( )	____	____
2. Auto Body Repair	( )	( )	( )	( )	( )	( )	____	____
3. Aircraft Mechanics	( )	( )	( )	( )	( )	( )	____	____
4. Air-conditioning & Heating	( )	( )	( )	( )	( )	( )	____	____
5. Carpentry	( )	( )	( )	( )	( )	( )	____	____
6. Commercial Art	( )	( )	( )	( )	( )	( )	____	____
7. Data Processing	( )	( )	( )	( )	( )	( )	____	____
8. Drafting	( )	( )	( )	( )	( )	( )	____	____
9. Electrical Trades	( )	( )	( )	( )	( )	( )	____	____
10. Electronics	( )	( )	( )	( )	( )	( )	____	____
11. Food Trades	( )	( )	( )	( )	( )	( )	____	____
12. Foundry	( )	( )	( )	( )	( )	( )	____	____
13. Machine Trades	( )	( )	( )	( )	( )	( )	____	____
14. Masonry	( )	( )	( )	( )	( )	( )	____	____
15. Mill and Cabinetry	( )	( )	( )	( )	( )	( )	____	____
16. Metal Trades	( )	( )	( )	( )	( )	( )	____	____
17. Painting and Decorating	( )	( )	( )	( )	( )	( )	____	____
18. Plumbing	( )	( )	( )	( )	( )	( )	____	____
19. Printing	( )	( )	( )	( )	( )	( )	____	____
20. Radio and TV Repair	( )	( )	( )	( )	( )	( )	____	____
21. Sheet Metal Fabrication	( )	( )	( )	( )	( )	( )	____	____
22. Shoe Repair	( )	( )	( )	( )	( )	( )	____	____
23. Tailoring - Power Sewing	( )	( )	( )	( )	( )	( )	____	____
24. Upholstery	( )	( )	( )	( )	( )	( )	____	____
25. Welding	( )	( )	( )	( )	( )	( )	____	____

LIST OTHER ADULT TRADE EXTENSION COURSES OFFERED IN 1958-1965 PERIOD

26. ____________	( )	( )	( )	( )	( )	( )	____	____
27. ____________	( )	( )	( )	( )	( )	( )	____	____
28. ____________	( )	( )	( )	( )	( )	( )	____	____
29. ____________	( )	( )	( )	( )	( )	( )	____	____
30. ____________	( )	( )	( )	( )	( )	( )	____	____

(SCHOOL ADMINISTRATIVE HEAD). Has the school provided related instruction for APPRENTICE TRAINING PROGRAMS during the period from 1958 to the present time in any of the trade areas indicated below? Check the appropriate answer for each trade area. To the LEFT of each trade area, give the enrollment if such instruction is still being given in the present school year. At the far right, indicate whether joint apprenticeship committee existed for the related instruction offerings. If no apprenticeship training program was ever offered, check the space at the right.——→ ( )

PLEASE DO NOT WRITE BELOW

PRESENT ENROLLMENT		TRADES	RELATED INSTRUCTION GIVEN (1958-1965) PERIOD			USE MADE OF JOINT APPRENTICE COMMITTEE		
			1 Yes	2 No	3 Don't Know	1 Yes	2 No	3 Don't Know
______	1.	Automotive Mechanics	( )	( )	( )	( )	( )	( )
______	2.	Auto Body Repair	( )	( )	( )	( )	( )	( )
______	3.	Aircraft Mechanics						
______	4.	Air-conditioning & Heating .	( )	( )	( )	( )	( )	( )
______	5.	Carpentry	( )	( )	( )	( )	( )	( )
______	6.	Commercial Art	( )	( )	( )	( )	( )	( )
______	7.	Data Processing	( )	( )	( )	( )	( )	( )
______	8.	Drafting	( )	( )	( )	( )	( )	( )
______	9.	Electrical Trades	( )	( )	( )	( )	( )	( )
______	10.	Electronics	( )	( )	( )	( )	( )	( )
______	11.	Food Trades	( )	( )	( )	( )	( )	( )
______	12.	Foundry	( )	( )	( )	( )	( )	( )
______	13.	Machine Trades..............	( )	( )	( )	( )	( )	( )
______	14.	Masonry	( )	( )	( )	( )	( )	( )
______	15.	Mill and Cabinetry	( )	( )	( )	( )	( )	( )
______	16.	Metal Trades	( )	( )	( )	( )	( )	( )
______	17.	Painting and Decorating	( )	( )	( )	( )	( )	( )
______	18.	Plumbing	( )	( )	( )	( )	( )	( )
______	19.	Printing	( )	( )	( )	( )	( )	( )
______	20.	Radio and TV Repair	( )	( )	( )	( )	( )	( )
______	21.	Sheet Metal Fabrication	( )	( )	( )	( )	( )	( )
______	22.	Shoe Repair	( )	( )	( )	( )	( )	( )
______	23.	Tailoring - Power Sewing ...	( )	( )	( )	( )	( )	( )
______	24.	Upholstery	( )	( )	( )	( )	( )	( )
______	25.	Welding	( )	( )	( )	( )	( )	( )

LIST OTHER APPRENTICESHIP RELATED INSTRUCTION PROGRAMS OFFERED IN 1958-1965 PERIOD

			USE MADE OF JOINT APPRENTICE COMMITTEE		
______	26.	______________________	( )	( )	( )
______	27.	______________________	( )	( )	( )
______	28.	______________________	( )	( )	( )
______	29.	______________________	( )	( )	( )
______	30.	______________________	( )	( )	( )

4. (SCHOOL ADMINISTRATIVE HEAD). Has the school provided MDTA courses in any of the areas indicated below? Check either Yes or No for each trade area. To the LEFT of each trade area, indicate the number enrolled and the number who completed the course for the most recent course offering. At the far RIGHT, indicate whether an advisory committee existed for the MDTA course. If no MDTA courses were ever offered, check the space at the right. ——→( )

PLEASE DO NO
WRITE BELOW

ENROLLED 1	COMPLETED 2	COURSE	MDTA COURSE EVER OFFERED AT SCHOOL Yes 1	 No 2	USE MADE OF ADVISORY COMMITTEE Yes 1	 No 2
____	____	1. Automotive Mechanics	( )	( )	( )	( )
____	____	2. Auto Body Repair	( )	( )	( )	( )
____	____	3. Aircraft Mechanics	( )	( )	( )	( )
____	____	4. Air-conditioning & Heating	( )	( )	( )	( )
____	____	5. Carpentry	( )	( )	( )	( )
____	____	6. Commercial Art	( )	( )	( )	( )
____	____	7. Data Processing	( )	( )	( )	( )
____	____	8. Drafting	( )	( )	( )	( )
____	____	9. Electrical Trades	( )	( )	( )	( )
____	____	10. Electronics	( )	( )	( )	( )
____	____	11. Food Trades	( )	( )	( )	( )
____	____	12. Foundry	( )	( )	( )	( )
____	____	13. Machine Trades	( )	( )	( )	( )
____	____	14. Masonry	( )	( )	( )	( )
____	____	15. Mill and Cabinetry	( )	( )	( )	( )
____	____	16. Metal Trades	( )	( )	( )	( )
____	____	17. Painting and Decorating	( )	( )	( )	( )
____	____	18. Plumbing	( )	( )	( )	( )
____	____	19. Printing	( )	( )	( )	( )
____	____	20. Radio and TV Repair	( )	( )	( )	( )
____	____	21. Sheet Metal Fabrication	( )	( )	( )	( )
____	____	22. Shoe Repair	( )	( )	( )	( )
____	____	23. Tailoring - Power Sewing	( )	( )	( )	( )
____	____	24. Upholstery	( )	( )	( )	( )
____	____	25. Welding	( )	( )	( )	( )

LIST BELOW OTHER MDTA COURSES OFFERED CURRENTLY OR IN PAST YEARS. GIVE SAME INFORMATION REQUESTED ABOVE.

____	____	26. ____________________		( )	( )
____	____	27. ____________________	USE MADE OF	( )	( )
____	____	28. ____________________	ADVISORY	( )	( )
____	____	29. ____________________	COMMITTEE	( )	( )
____	____	30. ____________________		( )	( )

Table 1. School Personnel Assigned to Student Placement

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Principal	V	H	4	1.00	77	87.9	22.2	84	1.31	2.30	82	2.74	1.04	84	3.30	0.61
		L	4	0.00	93	88.7	18.3	95	1.60	2.44	96	2.66	1.19	96	3.10	0.77
			$\underline{t}_U$ = .11		$\underline{t}$ = .25			$\underline{t}$ = .81			$\underline{t}$ = .46			$\underline{t}$ = 1.39		
	C	H	6	1.00	123	84.6	22.5	117	1.47	2.30	120	2.25	1.07	121	3.08	0.73
(S-1, 1.1)		L	4	0.00	103	83.5	24.3	106	1.49	1.92	104	2.15	1.09	103	3.07	0.74
			$\underline{t}_U$ = 1.27		$\underline{t}$ = .35			$\underline{t}$ = .06			$\underline{t}$ = .72			$\underline{t}$ = .05		
Assistant Principal	V	H	4	1.00	86	85.7	21.0	87	1.59	2.39	87	2.19	1.20	88	3.00	0.81
		L	3	0.00	67	88.0	19.3	69	1.58	2.10	69	2.55	1.14	70	3.07	0.73
			$\underline{t}_U$ = 1.87		$\underline{t}$ = .69			$\underline{t}$ = .03			$\underline{t}$ = 1.92			$\underline{t}$ = .56		
	C	H	4	1.00	86	82.4	24.8	80	1.70	2.66	82	2.26	1.08	83	3.02	0.73
(S-1, 1.3)		L	4	0.00	91	84.4	23.6	93	1.34	1.66	92	2.17	1.12	91	3.08	0.77
			$\underline{t}_U$ = .07		$\underline{t}$ = .55			$\underline{t}$ = 1.09			$\underline{t}$ = .53			$\underline{t}$ = .55		
Assistant Vocational	V	H	4	1.00	97	90.3	16.8	97	1.01	1.82	99	2.80	1.12	100	3.25	0.64
Director		L	3	0.00	61	86.8	23.2	65	1.62	2.68	64	2.62	1.18	65	3.10	0.79
(S-1, 1.4)			$\underline{t}_U$ = 3.03*		$\underline{t}$ = 1.10			$\underline{t}$ = 1.72			$\underline{t}$ = .95			$\underline{t}$ = 1.34		
Guidance Counselor	V	H	7	1.00	133	83.9	24.1	137	1.71	2.43	133	2.55	1.13	135	3.07	0.70
		L	3	0.00	77	88.5	21.6	80	1.36	2.77	80	2.80	1.16	80	3.16	0.78
(S-1, 1.5)			$\underline{t}_U$ = 2.37*		$\underline{t}$ = 1.38			$\underline{t}$ = .96			$\underline{t}$ = 1.53			$\underline{t}$ = .88		
Placement Head	V	H	5	1.00	116	84.7	23.5	119	1.69	2.72	116	2.56	1.10	116	3.04	0.74
		L	3	0.00	61	86.8	23.2	65	1.62	2.68	64	2.62	1.18	65	3.10	0.79
(S-1, 1.6)			$\underline{t}_U$ = 3.25*		$\underline{t}$ = .56			$\underline{t}$ = .16			$\underline{t}$ = .32			$\underline{t}$ = .47		
Shop Instructors	V	H	10	1.00	197	83.1	25.3	198	1.85	2.72	197	2.27	1.15	201	3.00	0.77
		L	4	0.00	101	86.6	21.4	104	1.54	2.44	102	2.66	1.12	102	3.11	0.70
			$\underline{t}_U$ = .89		$\underline{t}$ = 1.19			$\underline{t}$ = .98			$\underline{t}$ = -2.79**			$\underline{t}$ = 1.16		
	C	H	9	1.00	174	85.7	21.7	171	1.34	1.92	176	2.14	1.10	177	[illegible]	0.71
(S-1, 1.7)		L	3	0.00	77	83.2	24.3	78	1.67	2.31	75	2.18	1.11	74	3.13	0.76
			$\underline{t}_U$ = .05		$\underline{t}$ = .79			$\underline{t}$ = 1.19			$\underline{t}$ = .27			$\underline{t}$ = .68		
Total Number of	V	H	8	3.625	156	87.3	22.0	163	1.36	2.28	159	2.67	1.13	161	3.19	0.66
Personnel Assigned		L	8	1.875	196	83.6	24.0	194	1.79	2.77	197	2.33	1.14	200	3.00	0.80
(S-1, 1)			$\underline{t}_U$ = .53		$\underline{t}$ = 1.52			$\underline{t}$ = 1.58			$\underline{t}$ = 2.76**			$\underline{t}$ = 2.38 *		
	C	H	7	4.428	139	83.2	23.5	131	1.56	2.35	136	2.15	1.09	137	3.03	0.70
		L	6	1.500	114	87.0	21.8	120	1.24	1.56	116	2.25	1.15	116	3.18	0.77
			$\underline{t}_U$ = 2.46*		$\underline{t}$ = 1.33			$\underline{t}$ = 1.26			$\underline{t}$ = .71			$\underline{t}$ = 1.63		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 2. Existence of Coordinator for Placement Activities

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Coordinator of Placement	V H	12	1.000	291	86.3	21.6	291	1.45	2.36	294	2.51	1.15	298	3.12	0.73
	V L	4	0.000	61	80.3	29.3	66	2.21	3.26	62	2.35	1.13	63	2.90	0.83
		t_U = .38		t = 1.82			t = 2.18*			t = 1.03			t = 2.16*		
	C H	7	1.000	158	83.6	23.6	157	1.57	2.22	156	2.26	1.12	156	3.13	0.74
	C L	6	0.000	95	87.1	21.2	94	1.14	1.57	96	2.10	1.11	97	3.05	0.73
(S-1, 2)		t_U = .30		t = 1.19			t = 1.65			t = 1.07			t = .76		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 3. School Personnel Responsible for Coordination of Placement Activities

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Principal	V H	5	1	101	86.6	19.4	105	1.49	2.39	104	2.47	1.12	105	3.10	0.70
	V L	7	0	190	86.1	22.6	186	1.43	2.34	190	2.53	1.16	193	3.13	0.74
(S-1, 1.1)		t_U = .46		t = .19			t = .20			t = .43			t = .30		
Vocational Director	V H	4	1	81	79.9	26.0	79	2.17	2.84	80	1.72	.93	82	2.86	0.77
(S-1, 2.2)	V L	8	0	210	88.7	19.0	212	1.19	2.09	214	2.81	1.08	216	3.22	0.68
		t_U = .40		t = -3.16**			t = -3.22**			t = -7.91**			t = -3.90**		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 4. General Characteristics of Placement Program

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Existence of School Policy	V H	8	0.809	164	84.4	25.2	167	1.65	2.70	164	2.41	1.13	167	3.06	0.78
	L	8	0.247	188	86.0	21.3	190	1.55	2.45	192	2.54	1.15	194	3.10	0.72
		t_U = .58		*t* = .63			*t* = .37			*t* = 1.10			*t* = .46		
	C H	7	0.723	129	85.6	21.2	130	1.44	1.85	130	2.20	1.16	129	3.17	0.78
	L	6	0.177	124	84.3	24.3	121	1.36	2.17	122	2.19	1.08	124	3.02	0.68
(S-1, 4)		t_U = 1.17		*t* = .45			*t* = .31			*t* = .06			*t* = 1.60		
Agreement with School Policy	V H	8	3.846	151	86.4	23.0	152	1.68	2.78	152	2.56	1.12	153	3.06	0.76
	L	7	3.408	165	83.4	24.0	166	1.68	2.38	165	2.31	1.16	168	3.02	0.74
		t_U = .18		*t* = 1.10			*t* = .01			*t* = 1.96 *			*t* = .45		
	C H	6	3.841	113	84.9	22.9	113	1.33	1.59	116	2.11	1.15	115	3.19	0.74
(S-1, 4A)	L	6	3.222	126	85.7	21.4	123	1.44	2.26	123	2.20	1.09	124	2.99	0.71
		t_U = .59		*t* = .27			*t* = .41			*t* = .60			*t* = 2.11*		
	V H	8	1.371	171	83.2	24.9	173	1.84	2.83	169	2.28	1.11	171	3.01	0.78
	L	7	1.000	145	86.8	21.8	145	1.49	2.24	148	2.60	1.17	150	3.08	0.72
Description of Placement Activity		t_U = .63		*t* = 1.36			*t* = 1.21			*t* = -2.45*			*t* = .85		
	C H	3	1.282	66	85.6	22.2	68	1.25	1.39	67	2.35	1.15	66	3.13	0.82
	L	8	1.000	148	85.9	21.2	143	1.41	2.14	147	2.15	1.12	148	3.09	0.71
(S-1, 4B)		t_U = .19		*t* = .07			*t* = .58			*t* = 1.20			*t* = .40		
	V H	7	1.133	154	83.2	24.7	155	1.72	2.47	152	2.38	1.11	155	3.05	0.75
	L	8	0.071	162	86.4	22.4	163	1.65	2.69	165	2.48	1.18	166	3.03	0.76
Requirement to		t_U = 1.47		*t* = 1.21			*t* = .22			*t* = .81			*t* = .32		
Report Efforts	C H	6	1.635	107	89.2	17.7	109	1.03	1.10	111	2.24	1.17	110	3.22	0.72
(S-1, 4C)	L	5	0.417	107	82.4	24.3	102	1.71	2.49	103	2.19	1.09	104	2.98	0.76
		t_U = 2.75*		*t* = 2.35*			*t* = 2.60**			*t* = .28			*t* = 2.34*		
	V H	8	0.500	149	84.0	24.1	153	1.95	2.75	149	2.50	1.13	150	3.05	0.73
Time Allotted for	L	7	0.012	167	75.6	23.1	165	1.44	2.38	168	2.37	1.16	171	3.03	0.77
Placement Activities		t_U = .72		*t* = .61			*t* = 1.76			*t* = .98			*t* = .19		
	C H	6	0.667	99	85.2	21.2	97	1.46	1.92	100	2.25	1.21	99	3.22	0.74
	L	5	0.083	100	85.7	22.9	100	1.35	2.05	99	2.20	1.03	100	3.04	0.76
(S-1, 4D.1)		t_U = .00		*t* = .16			*t* = .38			*t* = .34			*t* = 1.66		
Average Number of	V H	3	9.000	80	86.3	23.4	81	1.42	2.78	81	2.77	1.09	81	3.10	0.79
Hours per Week	L	3	1.622	52	87.3	21.8	52	1.60	2.09	52	2.77	1.07	53	3.25	0.57
		t_U = .42		*t* = .25			*t* = .40			*t* = .02			*t* = 1.21		
	V H	7	10.762	168	90.1	17.2	166	1.23	2.03	171	2.79	1.09	172	3.19	0.69
Number of 1964 T. & I.	L	8	4.027	148	78.9	28.0	152	2.17	2.99	146	2.00	1.07	149	2.86	0.78
Graduates Placed		t_U = .45		*t* = 4.33 **			*t* = 3.29 **			*t* = 6.47**			*t* = 3.96**		
	C H	5	13.067	74	89.9	15.2	73	0.97	1.05	78	2.06	1.13	78	3.17	0.67
(S-1, 4E)	L	6	3.208	140	83.6	24.0	138	1.56	2.24	136	2.30	1.12	136	3.06	0.79
		t_U = 1.17		*t* = 2.04 *			*t* = 2.12*			*t* = 1.52			*t* = .98		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 5. Methods of Contacting Employers for Student Placement Used by School

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Personal Visit to Employer	V	H	8	0.836	166	82.8	25.8	173	1.85	2.97	171	2.43	1.18	174	3.03	0.78
		L	8	0.396	186	87.4	20.4	184	1.35	2.09	185	2.53	1.11	187	3.13	0.71
			t_U = -2.40*		t = 1.84			t = 1.83			t = .81			t = 1.27		
	C	H	7	0.816	127	86.4	21.4	127	1.34	1.92	126	2.28	1.15	126	3.20	0.75
(S-1, 5.1)		L	6	0.472	126	83.4	24.1	124	1.47	2.10	126	2.11	1.08	127	3.00	0.71
			t_U = 1.99		t = 1.04			t = .48			t = 1.24			t = 2.24*		
Telephone Contact	V	H	8	0.703	206	84.9	23.5	206	1.53	2.38	204	2.62	1.15	206	3.09	0.76
		L	8	0.182	146	85.8	22.8	151	1.69	2.80	152	2.30	1.11	155	3.07	0.74
			t_U = 1.97		t = .36			t = .59			t = 2.61**			t = .34		
	C	H	6	0.618	140	83.8	25.1	143	1.43	2.09	138	2.32	1.12	139	3.12	0.73
(S-1, 5.2)		L	7	0.183	113	86.2	19.6	108	1.37	1.91	114	2.04	1.09	114	3.07	0.74
			t_U = .30		t = .83			t = .26			t = 2.00*			t = .47		
Letter Contact	V	H	7	0.256	125	81.9	26.7	133	2.11	2.98	127	2.49	1.13	128	2.99	0.76
		L	9	0.000	227	87.1	20.8	224	1.29	2.23	229	2.48	1.16	233	3.13	0.74
			t_U = .67		t = -2.03*			t = -2.94**			t = .03			t = 1.63		
	C	H	4	0.214	63	87.0	20.9	64	1.09	1.58	63	2.32	1.12	64	3.01	0.71
(S-1, 5.3)		L	9	0.000	190	84.2	23.4	187	1.51	2.13	189	2.15	1.12	189	3.13	0.74
			t_U = 1.24		t = .82			t = 1.45			t = 1.03			t = 1.08		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 6. Number of Employer Contacts by School for Student Placement

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Number of Contacts for Placing Students (S-1, 3)	V	H	8	1.550	184	85.8	23.8	186	1.48	2.73	188	2.66	1.11	190	3.13	0.74
		L	8	1.099	168	84.6	22.6	171	1.71	2.37	168	2.29	1.16	171	3.03	0.75
			t_U = .29		t = .51			t = .84			t = 3.05**			t = 1.35		
	C	H	7	1.788	106	86.0	21.0	106	1.26	1.58	108	2.16	1.16	109	3.10	0.74
		L	6	1.232	147	84.2	24.0	145	1.51	2.27	144	2.22	1.09	144	3.09	0.73
			t_U = .64		t = .61			t = .98			t = .48			t = .12		
Number of Employers Named (S-1, 7)	V	H	8	5.286	169	86.8	23.4	179	1.45	2.72	176	2.70	1.10	178	3.18	0.73
		L	8	3.495	183	83.8	23.0	178	1.74	2.39	180	2.27	1.15	183	2.99	0.75
			t_U = 1.34		t = 1.18			t = 1.05			t = 3.59**			t = 2.45*		
	C	H	6	6.282	129	84.9	23.3	127	1.35	2.04	126	2.29	1.06	128	3.07	0.76
		L	7	3.976	124	84.9	22.3	124	1.46	1.99	126	2.10	1.17	125	3.13	0.70
			t_U = .10		t = .01			t = .41			t = 1.31			t = .60		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 7. Kinds of Placement Assistance Given by School

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Contact Employers to Try to Place Specific Individual (S-1, 6.1)	V	H	8	1.518	176	88.6	19.7	182	1.29	2.24	181	2.76	1.06	182	3.21	0.66
		L	8	0.966	176	81.8	25.8	175	1.92	2.83	175	2.20	1.16	179	2.95	0.81
			t_U = .24		t = 2.76**			t = 2.33*			t = 4.72**			t = 3.39**		
	C	H	6	1.723	121	83.4	25.2	117	1.39	2.21	118	2.21	1.10	120	3.01	0.68
		L	7	1.163	132	86.3	20.3	134	1.41	1.83	134	2.18	1.14	133	3.18	0.77
			t_U = 1.52		t = 1.00			t = .08			t = .23			t = 1.91		
Send Notices to Potential Employers to Let Them Know About Graduates (S-1, 6.2)	V	H	7	1.143	144	87.1	22.3	154	1.41	2.40	149	2.64	1.06	151	3.21	0.64
		L	8	0.258	174	83.3	24.5	169	1.77	2.75	172	2.26	1.17	175	2.96	0.81
			t_U = 1.65		t = 1.42			t = 1.25			t = 3.04**			t = 3.04**		
	C	H	6	1.060	126	84.6	24.0	125	1.36	2.06	123	2.28	1.08	125	3.02	0.75
		L	6	0.203	115	85.1	21.6	116	1.53	2.02	116	2.10	1.17	115	3.18	0.72
			t_U = .04		t = .15			t = .67			t = 1.21			t = 1.73		
Keep Record of Employer Requests for Graduates to Fill Jobs (S-1, 6.6)	V	H	8	1.371	173	86.8	21.7	172	1.59	2.53	174	2.68	1.11	175	3.08	0.75
		L	8	0.744	179	83.7	24.5	185	1.60	2.60	182	2.30	1.15	186	3.08	0.75
			t_U = .32		t = 1.27			t = .02			t = 3.17**			t = .03		
	C	H	7	1.343	124	83.9	24.6	122	1.44	2.11	124	2.20	1.13	126	3.09	0.73
		L	6	0.767	129	85.9	21.0	129	1.37	1.92	128	2.19	1.10	127	3.10	0.74
			t_U = .30		t = .72			t = .28			t = .07			t = .12		
Make Personal Trips to Employers to Discuss Job Openings (S-1, 6.7)	V	H	8	1.364	176	88.6	19.7	182	1.29	2.24	181	2.76	1.06	182	3.21	0.66
		L	8	0.757	176	81.8	25.8	175	1.92	2.83	175	2.20	1.16	179	2.95	0.81
			t_U = .24		t = 2.76**			t = 2.33*			t = 4.72**			t = 3.39**		
	C	H	6	1.618	126	84.4	24.1	123	1.36	2.06	124	2.31	1.04	126	3.12	0.76
		L	7	0.675	127	85.4	21.4	128	1.45	1.96	128	2.09	1.18	127	3.08	0.71
			t_U = .18		t = .36			t = .38			t = 1.59			t = .39		
Remind Local Employers During School Year to Make Needs Known (S-1, 6.12)	V	H	8	1.423	163	84.0	23.3	163	1.83	2.50	161	2.37	1.12	162	2.97	0.77
		L	8	0.890	189	86.3	23.1	194	1.40	2.61	195	2.58	1.16	199	3.17	0.72
			t_U = 2.67*		t = .96			t = 1.59			t = 1.70			t = -2.45*		
	C	H	7	1.418	137	84.0	23.6	132	1.50	2.34	133	2.32	1.07	135	3.10	0.74
		L	6	0.694	116	86.0	21.8	119	1.30	1.58	119	2.06	1.16	118	3.10	0.73
			t_U = .51		t = .72			t = .78			t = 1.83			t = .00		
Send Questionnaires to Employers to Ask About Job Openings (S-1, 6.13)	V	H	5	0.893	95	88.0	20.7	102	1.46	2.30	100	2.59	1.07	102	3.21	0.65
		L	10	0.000	223	83.7	24.6	221	1.66	2.72	221	2.36	1.16	224	3.02	0.78
			t_U = 2.39*		t = 1.49			t = .64			t = 1.68			t = 2.25*		
	C	H	5	0.872	91	83.0	25.0	93	1.42	1.94	92	2.13	1.05	93	3.06	0.73
		L	8	0.000	162	86.0	21.4	158	1.39	2.06	160	2.23	1.15	160	3.12	0.73
			t_U = .16		t = 1.00			t = .12			t = .73			t = .66		
Arrange for Employer Representatives to Interview at School (S-1, 6.15)	V	H	8	0.918	186	87.0	22.0	186	1.56	2.60	189	2.58	1.15	191	3.13	0.73
		L	8	0.449	166	83.3	24.3	171	1.63	2.53	167	2.37	1.13	170	3.02	0.77
			t_U = .71		t = 1.49			t = .26			t = 1.75			t = 1.38		
	C	H	7	0.877	122	85.3	22.4	120	1.37	2.02	121	2.23	1.18	123	3.09	0.70
		L	6	0.333	131	84.6	23.2	131	1.43	2.01	131	2.16	1.06	130	3.10	0.76
			t_U = .23		t = .23			t = .23			t = .52			t = .09		
Contact Employers During School Year to Line Up Jobs for Graduates (S-1, 6.18)	V	H	8	1.568	192	87.9	20.3	200	1.39	2.31	198	2.77	1.09	199	3.21	0.67
		L	8	0.886	160	82.1	25.9	157	1.85	2.83	158	2.12	1.11	162	2.92	0.71
			t_U = 1.04		t = 2.34*			t = 1.69			t = 5.53**			t = 3.65**		
	C	H	7	1.515	127	83.0	24.4	122	1.42	2.08	126	2.32	1.09	128	3.09	0.44
		L	6	0.802	126	86.8	20.9	129	1.39	1.95	126	2.07	1.13	125	3.11	0.72
			t_U = .97		t = 1.33			t = .15			t = 1.18			t = .24		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 7. Kinds of Placement Assistance Given by School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Instruct Students on How to Find and Apply for Jobs (S-1, 6.19)	V	H	8	1.957	214	86.1	23.1	217	1.40	2.50	218	2.58	1.18	221	3.14	0.76
		L	8	1.350	138	83.9	23.3	140	1.90	2.64	138	2.32	1.07	140	2.98	0.72
			t_U = .74		t = .87			t = 1.82			t = 2.11*			t = 1.97*		
	C	H	7	2.153	148	84.3	23.2	147	1.41	1.99	149	2.15	1.07	150	3.07	0.72
		L	6	1.215	105	85.8	22.2	104	1.40	2.05	103	2.27	1.19	103	3.14	0.75
			t_U = .46		t = .53			t = .03			t = .82			t = .67		
Send Graduates Students to Local Employment Security Officer (S-1, 6.3)	V	H	8	1.014	175	84.2	24.2	174	1.79	2.59	175	2.25	1.14	179	3.03	0.77
		L	8	0.385	177	86.3	22.2	183	1.41	2.53	181	2.71	1.11	182	3.13	0.72
			t_U = .69		t = .83			t = 1.41			t = -3.84**			t = 1.35		
	C	H	7	1.621	136	84.5	24.0	135	1.34	2.03	136	2.29	1.06	138	3.08	0.74
		L	6	0.532	117	85.4	21.3	116	1.48	2.00	116	2.09	1.17	115	3.13	0.73
			t_U = .59		t = .34			t = .54			t = 1.38			t = .53		
Contact Employment Security Offices About Job Openings (S-1, 6.8)	V	H	7	0.676	126	83.3	25.1	126	1.85	2.78	127	2.01	1.06	130	2.94	0.79
		L	8	0.186	192	86.1	22.5	197	1.44	2.46	194	2.71	1.10	196	3.17	0.70
			t_U = .26		t = 1.04			t = 1.37			t = -5.58**			t = -2.77**		
	C	H	6	1.036	118	85.5	23.4	117	1.26	2.03	117	2.32	1.07	119	3.07	0.71
		L	7	0.247	135	84.4	22.3	134	1.53	1.99	135	2.08	1.15	134	3.12	0.75
			t_U = 1.21		t = .37			t = 1.04			t = 1.70			t = .53		
Inform Private Employment Agencies of Students Available for Jobs (S-1, 6.9)	V	H	4	0.469	73	89.4	17.3	75	1.64	2.06	75	2.66	1.11	75	3.15	0.65
		L	11	0.000	245	83.7	25.0	248	1.58	2.73	246	2.37	1.14	251	3.06	0.77
			t_U = .02		t = 1.80			t = .17			t = 1.94			t = .91		
	C	H	6	0.373	91	85.2	22.1	92	1.34	1.66	93	2.17	1.15	94	3.16	0.75
		L	6	0.045	147	84.0	24.0	145	1.53	2.27	142	2.23	1.13	142	3.04	0.74
			t_U = 1.00		t = .40			t = .72			t = .38			t = 1.24		
Inform General or Craft Advisory Committee of Students Needing Jobs (S-1, 6.5)	V	H	7	0.786	157	84.1	24.5	155	1.62	2.46	154	2.31	1.12	156	3.00	0.74
		L	7	0.324	149	85.9	22.6	155	1.49	2.65	154	2.58	1.15	157	3.14	0.75
			t_U = 1.76		t = .68			t = .43			t = -2.08*			t = 1.64		
	C	H	7	0.954	138	85.4	23.4	135	1.33	2.00	136	2.20	1.09	138	3.12	0.75
		L	6	0.249	115	84.4	22.1	116	1.49	2.03	116	2.19	1.15	115	3.08	0.72
			t_U = .23		t = .36			t = .61			t = .12			t = .41		
Contact Local Labors Unions About Job Openings for Graduates (S-1, 6.11)	V	H	8	1.196	208	83.2	24.6	207	1.76	2.68	206	2.38	1.15	208	3.00	0.78
		L	7	0.219	132	88.3	20.5	137	1.25	2.26	137	2.66	1.13	140	3.20	0.70
			t_U = .73		t = -1.96*			t = 1.81			t = -2.16*			t = -2.46*		
	C	H	6	0.692	132	84.2	25.1	134	1.45	2.04	129	2.31	1.17	130	3.14	0.78
		L	5	0.136	96	86.0	20.2	95	1.42	2.14	96	1.99	1.03	96	2.98	0.67
			t_U = .30		t = .58			t = .11			t = 2.16*			t = 1.64		
Advise Graduates Students of Employers to Contact for Jobs (S-1, 6.4)	V	H	8	1.529	163	85.2	22.3	165	1.82	2.56	164	2.62	1.12	164	3.03	0.74
		L	8	1.215	189	85.2	24.0	192	1.40	2.56	192	2.36	1.16	197	3.13	0.75
			t_U = .79		t = .00			t = 1.57			t = 2.12*			t = 1.26		
	C	H	6	1.856	125	81.5	26.0	123	1.61	2.26	123	2.23	1.08	125	3.10	0.74
		L	7	1.245	128	88.3	18.6	128	1.21	1.72	129	2.17	1.15	128	3.10	0.73
			t_U = 1.58		t = -2.41*			t = 1.57			t = .43			t = .02		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 7. Kinds of Placement Assistance Given by School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Contact Local Apprenticeship Committee to Place Students (S-1, 6.10)	V	H	8	1.148	211	85.2	23.7	210	1.41	2.26	210	2.52	1.15	214	3.12	0.72
		L	7	0.296	129	85.2	22.5	134	1.78	2.89	133	2.44	1.16	134	3.01	0.80
			t_U = .81		t = .03			t = 1.32			t = .63			t = 1.43		
	C	H	6	0.837	97	82.9	23.9	95	1.55	2.23	97	2.24	1.05	98	3.08	0.76
		L	6	0.416	143	86.5	22.4	144	1.30	1.91	141	2.14	1.16	141	3.07	0.71
			t_U = .32		t = 1.19			t = .91			t = .73			t = .20		
Use Announcements in Newspapers to Inform Employer Community (S-1, 6.14)	V	H	5	0.534	90	80.4	27.0	92	2.16	2.88	88	2.49	1.09	89	3.02	0.71
		L	10	0.000	228	86.8	21.8	231	1.37	2.44	233	2.41	1.15	237	3.10	0.76
			t_U = 1.53		t = -2.19*			t = -2.48*			t = .55			t = .83		
	C	H	7	0.520	112	84.6	22.2	109	1.50	2.11	112	2.13	1.09	113	3.15	0.75
		L	6	0.070	141	85.1	23.2	142	1.34	1.94	140	2.24	1.14	140	3.06	0.72
			t_U = .31		t = .17			t = .63			t = .77			t = .92		
Review Newspaper Want-Ads for Jobs for Students (S-1, 6.16)	V	H	8	2.131	165	84.6	24.9	173	1.70	2.87	169	2.47	1.12	171	3.13	0.70
		L	8	0.738	187	85.8	21.6	184	1.49	2.24	187	2.50	1.17	190	3.04	0.79
			t_U = .82		t = .51			t = .77			t = .24			t = 1.07		
	C	H	7	1.796	156	84.8	24.4	157	1.31	1.92	154	2.38	1.08	155	3.12	0.77
		L	6	0.605	97	85.0	20.1	94	1.57	2.15	98	1.91	1.12	98	3.06	0.67
			t_U = 1.12		t = .07			t = .98			t = 3.25**			t = .59		
Use Radio and/or TV Announcements to Inform Employers About Graduates (S-1, 6.17)	V	H	6	0.493	158	87.2	22.6	161	1.29	2.55	162	2.70	1.06	165	3.19	0.73
		L	9	0.000	196	84.0	23.7	201	1.70	2.58	198	2.31	1.16	201	3.05	0.75
			t_U = .35		t = 1.29			t = 1.53			t = 3.32**			t = 1.76		
	C	H	6	0.413	98	82.5	23.3	97	1.64	2.22	98	2.27	1.07	99	3.14	0.77
		L	7	0.000	155	86.5	22.4	154	1.26	1.86	154	2.15	1.15	154	3.07	0.70
			t_U = .54		t = 1.35			t = 1.49			t = .88			t = .75		
Other than Above (S-1, 6.20)	V	H	6	0.858	139	87.5	22.1	146	1.36	2.42	143	2.75	1.11	144	3.18	0.70
		L	9	0.000	201	83.6	23.8	198	1.70	2.60	200	2.30	1.15	204	3.01	0.78
			t_U = .99		t = 1.50			t = 1.25			t = 3.63**			t = 2.13*		
	C	H	7	0.624	128	85.6	21.7	123	1.32	1.90	129	2.13	1.12	130	3.08	0.72
		L	6	0.000	125	84.2	23.9	128	1.48	2.12	123	2.27	1.11	123	3.12	0.75
			t_U = .97		t = .48			t = .62			t = .97			t = .37		
Total Use of All kinds of Assistance (S-1, 6F)	V	H	8	13.540	175	83.3	24.8	182	1.76	2.76	177	2.45	1.15	179	3.07	0.78
		L	8	9.512	177	87.1	21.4	175	1.43	2.34	179	2.52	1.15	182	3.09	0.72
			t_U = .58		t = 1.55			t = 1.21			t = .56			t = .20		
	C	H	6	15.013	124	83.8	24.3	123	1.43	2.09	122	3.32	1.07	124	3.11	0.77
		L	7	9.147	129	86.0	21.2	128	1.38	1.94	130	2.08	1.15	129	3.09	0.70
			t_U = .46		t = .78			t = .22			t = 1.75			t = .22		
Variety of Kinds of Assistance Used (S-1, 6V)	V	H	8	9.166	178	87.2	21.8	183	1.34	2.21	182	2.57	1.14	186	3.20	0.72
		L	8	6.425	174	83.3	24.4	174	1.87	2.87	174	2.39	1.14	175	2.95	0.76
			t_U = .17		t = 1.56			t = 1.96*			t = 1.54			t = 3.20**		
	C	H	6	9.129	91	85.2	22.1	92	1.34	1.66	93	2.17	1.15	94	3.16	0.75
		L	7	6.370	162	84.8	23.2	159	1.44	2.19	159	2.21	1.10	159	3.06	0.72
			t_U = .93		t = .15			t = .41			t = .29			t = 1.07		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 8. Employer Visitation Policy: School Administrative Head and T. & I. Instructors

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Does School Policy Require Visits to Employers to Maintain Desirable Relations? (S-1, 11)	V H	8	0.690	189	85.5	23.5	187	1.53	2.57	188	2.57	1.17	190	3.05	0.81
	V L	8	0.152	163	85.0	22.9	170	1.66	2.56	168	2.39	1.11	171	3.12	0.68
		t_U = 1.04		t = .21			t = .49			t = 1.45			t = .83		
	C H	8	0.370	142	87.0	20.4	146	1.21	1.47	145	2.25	1.16	145	3.17	0.75
	C L	6	0.000	111	82.2	25.2	105	1.68	2.56	107	2.12	1.06	108	3.00	0.69
		t_U = 2.14		t = 1.68			t = 1.84			t = .94			t = 1.76		
Evaluation of Employer Visitation Policy (S-1, 11.1)	V H	8	4.000	135	86.2	23.2	138	1.68	2.62	139	2.43	1.15	141	3.06	0.72
	V L	6	3.570	163	83.3	24.6	162	1.63	2.58	160	2.49	1.16	162	3.04	0.78
		t_U = .74		t = 1.02			t = .18			t = .48			t = .17		
	C H	5	4.000	96	88.8	20.2	102	1.13	1.46	97	2.29	1.18	97	3.20	0.74
	C L	2	3.375	33	83.6	22.0	32	1.37	1.58	34	2.06	1.07	34	2.94	0.78
		t_U = 3.17*		t = 1.23			t = .79			t = .98			t = 1.69		
Requirement of Visits by T&I Instructors to Employers (S-1, 9)	V H	12	1.000	260	85.2	23.4	261	1.65	2.60	262	2.41	1.17	265	3.01	0.78
	V L	4	0.000	92	85.4	22.8	96	1.45	2.46	94	2.68	1.06	96	3.29	0.60
		t_U = .02		t = .08			t = .66			t = -1.98*			t = -3.17**		
	C H	9	1.000	181	84.8	22.6	176	1.48	2.17	180	2.06	1.07	181	3.07	0.72
	C L	4	0.000	72	85.2	23.2	75	1.23	1.58	72	2.54	1.17	72	3.16	0.76
		t_U = 1.14		t = .12			t = .89			t = -3.10**			t = .84		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 9. Reasons for School Initiated Contacts with Employers

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Try to Place Graduate In Job	V	H	8	1.835	183	85.0	23.4	191	1.69	2.74	187	2.64	1.11	188	3.11	0.73
		L	8	1.192	169	85.5	23.0	166	1.49	2.35	169	2.31	1.16	173	3.05	0.77
			t_U = 1.13		t = .23			t = .72			t = 2.71**			t = .76		
	C	H	6	1.647	115	83.2	24.5	114	1.47	2.15	114	2.29	1.10	116	3.04	0.74
		L	7	1.053	138	86.3	21.2	137	1.35	1.89	138	2.11	1.13	137	3.15	0.72
(S-1, 12.1)			t_U = .43		t = 1.08			t = .48			t = 1.27			t = 1.14		
To Try to Place Co-op Student	V	H	5	2.733	119	86.0	21.8	118	1.41	2.21	117	2.35	1.11	118	3.03	0.76
		L	4	0.917	70	76.8	29.2	71	2.43	3.33	70	1.87	0.97	72	2.77	0.77
			t_U = 1.36		t = 2.45 *			t = 2.53 *			t = 3.03 **			t = 2.28*		
	C	H	6	2.706	119	83.5	25.0	117	1.52	2.22	116	2.14	1.15	118	3.10	0.70
		L	6	0.800	116	87.5	19.2	116	1.22	1.78	117	2.27	1.10	116	3.10	0.74
(S-1, 12.2)			t_U = 1.23		t = 1.39			t = 1.13			t = .90			t = .00		
To Check Former Students Progress	V	H	8	1.626	172	85.3	22.0	176	1.69	2.39	173	2.40	1.16	174	3.04	0.73
		L	8	0.983	180	85.2	24.4	181	1.50	2.72	183	2.56	1.13	187	3.12	0.77
			t_U = .11		t = .06			t = .69			t = 1.30			t = .96		
	C	H	7	1.486	121	85.2	22.6	121	1.24	1.75	124	2.12	1.04	125	3.04	0.70
		L	6	0.584	132	84.7	23.0	130	1.56	2.22	128	2.27	1.18	128	3.15	0.76
(S-1, 12.3)			t_U = .34		t = .15			t = 1.24			t = 1.11			t = 1.18		
To Check Co-op Students Progress	V	H	4	3.736	88	84.0	22.2	86	1.69	2.14	85	2.12	1.06	86	2.92	0.77
		L	4	0.500	91	86.0	22.2	93	1.53	2.77	93	2.61	1.16	93	3.05	0.77
			t_U = 1.37		t = .62			t = .42			t = 2.91 **			t = 1.09		
	C	H	6	4.333	85	86.9	20.6	84	1.13	1.50	87	2.21	1.17	88	3.17	0.69
(S-1, 12.4)		L	5	0.707	135	84.0	24.2	135	1.58	2.34	131	2.22	1.10	131	3.09	0.74
			t_U = .89		t = .93			t = 1.57			t = .09			t = .82		
To Discuss Curriculum Changes	V	H	8	1.150	163	83.2	25.3	163	1.96	2.74	163	2.41	1.13	166	3.01	0.75
		L	8	0.564	189	87.0	21.1	194	1.28	2.37	193	2.54	1.16	195	3.14	0.75
			t_U = .40		t = 1.55			t = 2.51 *			t = 1.03			t = 1.66		
	C	H	6	1.817	92	81.5	25.3	92	1.48	1.96	96	2.15	1.08	97	3.10	0.70
		L	7	0.414	161	86.9	21.0	159	1.36	2.05	156	2.22	1.14	156	3.10	0.76
(S-1, 12.5)			t_U = .94		t = 1.82			t = .45			t = .52			t = .03		
To Arrange "Field Trip"	V	H	9	1.009	217	85.1	23.3	213	1.54	2.33	214	2.47	1.15	217	3.06	0.74
		L	7	0.484	135	85.4	23.1	144	1.68	2.88	142	2.50	1.14	144	3.11	0.76
			t_U = 1.89		t = .11			t = .51			t = .19			t = .55		
	C	H	7	1.252	124	86.0	20.0	124	1.32	1.79	127	2.33	1.12	126	3.18	0.74
(S-1, 12.6)		L	6	0.661	129	83.9	25.1	127	1.49	2.21	125	2.06	1.11	127	3.01	0.72
			t_U = 2.12		t = .75			t = .68			t = 1.89			t = 1.86		
To Ask for Outside Speaker	V	H	9	1.074	214	83.9	24.6	212	1.73	2.66	213	2.35	1.13	217	3.02	0.77
		L	7	0.720	138	87.3	20.7	145	1.40	2.41	143	2.69	1.14	144	3.17	0.70
			t_U = .18		t = 1.33			t = 1.19			t = 2.78 **			t = 1.81		
	C	H	6	1.224	116	86.9	21.3	112	1.21	1.85	115	2.17	113	116	3.09	0.71
(S-1, 12.7)		L	7	0.624	137	83.2	23.9	139	1.56	2.12	137	2.22	1.11	137	3.11	0.75
			t_U = .54		t = 1.28			t = 1.37			t = .34			t = .16		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 9. Reasons for School Initiated Contacts with Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Invite to a School Program	V	H	8	1.384	180	87.3	22.1	178	1.39	2.25	181	2.63	1.13	184	3.12	0.71
		L	8	0.736	172	83.1	24.1	179	1.80	2.83	175	2.33	1.15	177	3.04	0.78
			t_U = .04		t = 1.68			t = 1.52			t = 2.45*			t = 1.03		
	C	H	7	1.640	142	85.4	24.0	140	1.32	2.07	139	2.12	1.11	141	3.04	0.69
		L	6	0.416	111	84.3	21.1	111	1.52	1.93	113	2.29	1.13	112	3.17	0.78
(S-1, 12.8)			t_U = .14		t = .37			t = .78			t = 1.22			t = 1.36		
To Request Material or Supplies	V	H	8	1.720	152	81.7	27.5	158	1.98	3.04	152	2.31	1.11	154	2.97	0.75
		L	8	0.745	200	87.9	19.0	199	1.29	2.06	204	2.61	1.16	207	3.16	0.74
			t_U = .04		t = 2.48*			t = -2.52*			t = 2.51*			t = 2.46*		
	C	H	6	1.601	97	85.7	20.6	98	1.25	1.60	100	2.26	1.08	101	3.12	0.74
(S-1, 12.9)		L	7	0.774	156	84.4	24.0	153	1.51	2.23	152	2.15	1.15	152	3.08	0.73
			t_U = .88		t = .44			t = 1.00			t = .72			t = .41		
To Obtain Shop Equipment	V	H	8	1.281	165	86.9	21.9	166	1.51	2.40	168	2.51	1.15	170	3.06	0.73
		L	7	0.353	161	83.0	24.8	167	1.76	2.84	163	2.39	1.14	165	3.06	0.79
			t_U = .50		t = 1.48			t = .87			t = .96			t = .11		
	C	H	7	1.240	109	85.8	20.8	108	1.18	1.55	113	2.26	1.07	114	3.12	0.73
(S-1, 12.10)		L	6	0.430	144	84.3	24.2	143	1.57	2.29	139	2.15	1.16	139	3.08	0.74
			t_U = .68		t = .53			t = 1.54			t = .79			t = .48		
To Invite to Advisory Committee	V	H	7	1.059	181	86.9	21.1	181	1.24	2.14	181	2.54	1.12	184	3.16	0.72
		L	6	0.461	101	84.3	24.4	007	1.86	2.82	104	2.46	1.17	105	2.99	0.78
			t_U = .64		t = .94			t = 2.10 *			t = .59			t = 1.81		
	C	H	6	1.184	102	85.5	21.8	101	1.49	2.16	100	207	1.10	101	3.03	0.75
		L	6	0.439	139	84.4	23.6	140	1.40	1.96	139	2.28	1.13	139	3.14	0.73
(S-1, 12.11)			t_U = .08		t = .37			t = .34			t = 1.47			t = 1.11		
To Inquire About Job Openings	V	H	8	2.080	167	85.5	23.2	173	1.61	2.72	170	2.61	1.08	171	3.10	0.73
		L	8	1.113	185	85.0	23.2	184	1.58	2.41	186	2.37	1.19	190	3.06	0.77
			t_U = .17		t = .19			t = .08			t = 2.01*			t = .54		
	C	H	7	1.701	131	81.9	25.1	127	1.67	2.45	129	2.28	1.07	131	3.08	0.75
(S-1, 12.12)		L	6	0.846	122	88.2	19.5	124	1.13	1.39	123	2.11	1.16	122	3.12	0.72
			t_U = .67		t = 2.20*			t = 2.13*			t = 1.21			t = .43		
To Obtain Adult Course Training	V	H	8	1.062	158	84.8	24.8	161	1.65	2.52	158	2.46	1.09	161	3.12	0.66
		L	7	0.481	160	85.2	22.3	162	1.54	2.67	163	2.41	1.18	165	3.04	0.82
			t_U = .20		t = .17			t = .38			t = .35			t = .98		
	C	H	5	1.600	129	86.0	23.3	131	1.29	1.95	125	2.45	1.08	126	3.17	0.77
(S-1, 12.13)		L	5	0.140	85	80.6	24.2	84	1.84	2.36	87	2.00	1.05	87	3.04	0.72
			t_U = 1.84		t = 1.63			t = 1.84			t = 2.99**			t = 1.23		
To Solicit Advisory Services	V	H	7	1.028	164	86.8	23.1	167	1.31	2.35	167	2.60	1.11	171	3.20	0.68
		L	7	0.828	142	82.9	24.0	143	1.84	2.75	141	2.26	1.15	142	2.93	0.81
			t_U = 1.42		t = 1.44			t = 1.82			t = 2.59**			t = 3.24**		
	C	H	6	1.597	97	82.9	23.9	95	1.55	2.23	97	2.24	1.05	98	3.08	0.76
(S-1, 12.15)		L	7	0.373	156	86.2	22.0	156	1.32	1.86	155	2.17	1.16	155	3.11	0.72
			t_U = .30		t = 1.13			t = .90			t = .54			t = .24		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 9. Reasons for School Initiated Contacts with Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Discuss Material Problem (S-1, 12.16)	V	H	7	0.095	169	84.4	24.7	170	1.59	2.77	170	2.54	1.13	173	3.11	0.75
		L	8	0.756	165	85.0	22.5	171	1.69	2.45	168	2.38	1.16	170	3.06	0.75
			t_U = .18		t = .24			t = .35			t = 1.26			t = .64		
	C	H	6	1.133	127	84.9	23.4	124	1.47	2.39	123	2.28	1.04	125	3.08	0.73
		L	7	0.333	126	85.0	22.2	127	1.34	1.56	129	2.12	1.18	128	3.13	0.74
			t_U = .75		t = .04			t = .52			t = 1.12			t = .72		
To Inform About New Developments (S-1, 12.17)	V	H	8	1.488	174	86.4	23.0	175	1.56	2.43	176	2.57	1.13	179	3.13	0.69
		L	8	0.721	178	84.1	23.3	182	1.63	2.69	180	2.40	1.16	182	3.03	0.80
			t_U = .74		t = .95			t = .28			t = 1.40			t = 1.23		
	C	H	7	1.142	151	84.3	24.5	150	1.37	2.09	150	2.17	1.03	152	3.06	0.72
		L	6	0.345	102	85.8	20.1	101	1.45	1.89	102	2.23	1.23	101	3.16	0.75
			t_U = .46		t = .52			t = .29			t = .36			t = 1.08		
To Obtain Information for Course (S-1, 12.18)	V	H	8	1.278	149	84.1	22.7	150	1.74	2.26	148	2.41	1.17	150	3.06	0.72
		L	8	0.672	185	85.8	24.3	189	1.42	2.80	190	2.59	1.12	193	3.12	0.77
			t_U = .92		t = .65			t = 1.13			t = 1.42			t = .72		
	C	H	7	1.516	140	84.7	22.8	136	1.47	2.31	137	2.29	1.05	139	3.11	0.73
		L	6	0.483	113	85.2	22.8	115	1.33	1.60	115	2.08	1.18	114	3.08	0.74
			t_U = .81		t = .17			t = .54			t = 1.54			t = .31		
Other than Above (S-1, 12.19)	V	H	3	1.278	60	91.2	15.6	60	.96	2.14	62	2.68	1.13	62	3.12	0.72
		L	7	0.000	164	83.4	25.0	171	1.62	2.69	166	2.41	1.14	169	3.07	0.79
			t_U = .20		t = 2.28*			t = 1.71			t = 1.59			t = .41		
	C	H	3	1.800	81	87.2	22.7	78	1.16	2.06	78	2.25	1.02	79	3.02	0.72
		L	8	0.000	139	83.9	23.0	141	1.55	2.06	140	2.20	1.18	140	3.18	0.72
			t_U = .15		t = 1.00			t = 1.34			t = .33			t = 1.64		
Total Number of Visits (S1, 12F)	V	H	8	13.357	168	84.2	24.4	170	1.63	2.49	166	2.38	1.10	168	2.99	0.77
		L	8	6.851	184	86.2	22.1	187	1.56	2.63	190	2.57	1.18	193	3.16	0.72
			t_U = 1.59		t = .81			t = .25			t = 1.63			t = -2.15*		
	C	H	6	13.817	101	86.6	21.1	103	1.28	1.74	103	2.05	1.11	104	3.14	0.67
		L	7	8.153	152	83.8	23.8	148	1.49	2.18	149	2.30	1.11	149	3.07	0.77
			t_U = .80		t = .93			t = .84			t = 1.77			t = .72		
Total Number of Reasons for Visit (S-1, 12V)	V	H	8	8.905	161	85.3	22.8	162	1.59	2.45	161	2.32	1.13	163	2.97	0.79
		L	8	5.595	191	85.2	23.6	195	1.60	2.66	195	2.61	1.14	198	3.17	0.71
			t_U = .71		t = .07			t = .02			t = -2.40*			t = -2.60**		
	C	H	7	8.868	116	87.1	20.2	117	1.21	1.66	118	2.05	1.12	119	3.09	0.67
		L	6	5.920	137	83.1	24.7	134	1.57	2.27	134	2.32	1.10	134	3.11	0.78
			t_U = .51		t = 1.38			t = 1.41			t = 1.95			t = .21		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 10. Methods Used to Promote Effective School-Employer Relationships

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
General Advisory Committee Meetings	V	H	6	0.987	159	84.7	23.9	157	1.54	2.47	157	2.57	1.17	159	3.06	0.79
		L	7	0.440	142	87.5	19.4	148	1.46	2.46	147	2.55	1.14	148	3.13	0.72
			t_U = .70		t = 1.13			t = .28			t = .11			t = .77		
	C	H	6	1.717	125	86.7	21.4	121	1.40	2.26	122	2.10	1.09	123	3.04	0.71
		L	7	0.460	128	83.2	24.0	130	1.41	1.75	130	2.29	1.14	130	3.15	0.75
(S-1, 14.1)			t_U = .46		t = 1.22			t = .01			t = 1.37			t = 1.17		
Craft Advisory Committee Meetings	V	H	7	1.190	161	82.2	26.9	159	1.78	2.91	158	2.30	1.16	161	3.00	0.81
		L	6	0.467	130	88.0	18.1	134	1.35	2.18	134	2.61	1.12	135	3.15	0.69
			t_U = .75		t = -2.09*			t = 1.40			t = -2.26*			t = 1.76		
	C	H	5	1.100	114	84.8	24.2	115	1.40	2.13	112	2.28	1.04	114	3.07	0.76
		L	6	0.222	115	83.8	22.3	114	1.52	2.03	115	2.22	1.15	114	3.12	0.73
(S-1, 14.2)			t_U = .63		t = .31			t = .44			t = .39			t = .47		
Apprenticeship Committee Meetings	V	H	7	1.119	196	86.3	21.9	191	1.42	2.24	195	2.50	1.17	198	3.10	0.75
		L	7	0.534	130	83.4	24.8	138	1.73	2.94	134	2.42	1.12	136	3.04	0.78
			t_U = .64		t = 1.11			t = 1.07			t = .57			t = .78		
	C	H	5	0.920	84	82.4	25.2	82	1.40	1.97	85	2.10	1.05	86	3.03	0.71
		L	6	0.333	144	85.2	22.5	143	1.45	2.15	140	2.35	1.11	140	3.13	0.77
(S-1, 14.3)			t_U = 1.66		t = .87			t = .17			t = 1.64			t = .98		
Personal Visits to Employer Location	V	H	8	1.666	168	85.4	23.4	172	1.63	2.55	169	2.62	1.10	170	3.04	0.75
		L	8	1.186	184	85.1	23.0	185	1.56	2.58	187	2.36	1.17	191	3.12	0.75
			t_U = .06		t = .15			t = .23			t = 2.18*			t = .97		
	C	H	6	1.958	126	84.4	24.1	123	1.36	2.06	124	2.31	1.04	126	3.12	0.76
		L	7	1.118	127	85.4	21.4	128	1.45	1.96	128	2.09	1.18	127	3.08	0.71
(S-1, 14.4)			t_U = .18		t = .36			t = .38			t = 1.59			t = .39		
Student "Plant Tours" Arranged By Employers	V	H	8	0.942	185	81.2	26.6	184	1.87	2.63	181	2.33	1.15	185	2.99	0.77
		L	8	0.445	167	89.7	17.8	173	1.30	2.46	175	2.64	1.13	176	3.18	0.72
			t_U = 1.34		t = -3.45**			t = -2.12*			t = -2.50*			t = -2.42*		
	C	H	7	1.038	113	86.8	19.4	110	1.34	1.91	115	2.01	1.08	115	3.03	0.72
		L	6	0.695	140	83.4	25.2	141	1.46	2.09	137	2.35	1.12	138	3.15	0.74
(S-1, 14.5)			t_U = .02		t = 1.18			t = .47			t = -2.47*			t = 1.29		
Talks Given to Employer Organizations	V	H	8	0.746	173	82.9	25.1	171	1.85	2.69	171	2.41	1.12	174	2.99	0.75
		L	8	0.187	179	87.5	21.0	186	1.36	2.42	185	2.55	1.17	187	3.17	0.74
			t_U = .53		t = 1.83			t = 1.82			t = 1.11			t = -2.26*		
	C	H	7	0.726	144	84.6	24.0	140	1.52	2.34	139	2.16	1.08	141	3.06	0.75
		L	6	0.334	109	85.3	21.1	111	1.26	1.50	113	2.24	1.17	112	3.15	0.71
(S-1, 14.6)			t_U = .14		t = .25			t = .98			t = .62			t = .91		
Shop "Open House" Events for Employers	V	H	10	1.000	243	86.6	22.3	248	1.42	2.40	248	2.63	1.11	252	3.19	0.68
		L	6	0.594	109	82.2	25.0	109	1.98	2.88	108	2.14	1.16	109	2.84	0.84
			t_U = 1.24		t = 1.64			t = 1.90			t = 3.78**			t = 4.11**		
	C	H	6	0.930	146	87.0	21.6	147	1.40	2.12	142	2.21	1.13	142	3.10	0.75
		L	7	0.610	107	82.2	24.1	104	1.42	1.85	110	2.18	1.10	111	3.09	0.71
(S-1, 14.7)			t_U = 1.67		t = 1.65			t = .07			t = .24			t = .07		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 10. Methods Used to Promote Effective School-Employer Relationships (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Phone Contacts with Employers	V	H	8	2.561	177	85.5	22.6	177	1.67	2.63	177	2.61	1.10	178	3.07	0.74
		L	8	1.353	175	84.9	23.8	180	1.52	2.50	179	2.36	1.17	183	3.10	0.76
			t_U = .55		t = .25			t = .55			t = 2.01*			t = .37		
	C	H	6	2.426	96	85.5	21.6	94	1.18	1.58	98	2.27	1.06	99	3.11	0.75
		L	7	1.353	157	84.6	23.5	157	1.54	2.23	154	2.15	1.15	154	3.09	0.73
(S-1, 14.8)			t_U = .30		t = .31			t = 1.38			t = .86			t = .27		
"Printed Matter" Contacts with Employers	V	H	7	2.274	151	86.8	22.3	150	1.60	2.56	153	2.58	1.14	154	3.07	0.73
		L	7	0.510	136	81.0	26.0	139	1.94	2.79	134	2.12	1.10	137	2.94	0.79
			t_U = .68		t = 2.05*			t = 1.07			t = 3.44**			t = 1.50		
	C	H	6	2.000	93	86.0	21.8	92	1.23	1.61	95	2.15	1.11	96	3.17	0.74
		L	7	0.372	160	84.3	23.3	159	1.50	2.21	157	2.22	1.12	157	3.05	0.73
(S-1, 14.9)			t_U = .63		t = .58			t = 1.02			t = .45			t = 1.24		
Mail Contacts with Employers	V	H	8	2.029	161	85.6	23.9	166	1.61	2.49	163	2.51	1.10	155	3.12	0.66
		L	8	0.625	191	84.9	22.6	191	1.58	2.63	193	2.46	1.19	196	3.05	0.81
			t_U = .34		t = .28			t = .11			t = .40			t = .86		
	C	H	6	1.570	99	84.8	22.9	97	1.50	2.20	98	2.09	1.08	99	3.09	0.75
		L	7	0.351	154	85.0	22.7	154	1.34	1.89	154	2.26	1.14	154	3.10	0.72
(S-1, 14.10)			t_U = .26		t = .05			t = .61			t = 1.21			t = .11		
Other than Above	V	H	7	1.255	175	89.9	19.2	181	1.07	2.23	183	2.85	1.08	185	3.24	0.72
		L	7	0.000	141	81.5	24.4	141	2.00	2.54	137	2.17	1.12	139	2.92	0.76
			t_U = 2.19*		t = 3.40**			t = 3.47**			t = 5.48**			t = 3.83**		
	C	H	6	0.621	105	85.6	21.9	101	1.33	1.95	106	2.18	1.16	107	3.12	0.69
		L	6	0.000	133	83.7	24.4	136	1.53	2.14	131	2.22	1.07	131	3.12	0.77
(S-1, 14.11)			t_U = .16		t = .61			t = .75			t = .32			t = .03		
Estimated Number of Methods Used	V	H	8	7.987	157	85.2	23.4	158	1.69	2.63	156	2.58	1.09	157	3.06	0.72
		L	8	4.747	195	85.3	23.0	199	1.52	2.51	200	2.41	1.19	204	3.09	0.77
			t_U = 1.79		t = .02			t = .65			t = 1.37			t = .36		
	C	H	6	8.228	96	85.5	21.6	94	1.18	1.58	98	2.27	1.06	99	3.11	0.75
		L	7	4.853	157	84.6	23.5	157	1.54	2.23	154	2.15	1.15	154	3.09	0.73
(S-1, 14.F)			t_U = .30		t = .31			t = 1.38			t = .86			t = .27		
Variety of Methods Used	V	H	8	4.974	188	87.4	20.6	186	1.29	1.92	186	2.59	1.13	188	3.13	0.71
		L	8	3.645	154	82.3	25.9	156	2.04	3.02	156	2.31	1.15	159	2.98	0.78
			t_U = 2.42*		t = 2.03*			t = 2.78**			t = 2.30*			t = 1.85		
	C	H	7	5.138	110	86.8	19.1	109	1.39	2.02	11[illegible]	2.13	1.14	111	3.11	0.71
		L	6	3.678	143	83.5	25.2	142	1.42	2.01	142	2.24	1.10	142	3.09	0.75
(S-1, 14.V)			t_U = 1.22		t = 1.14			t = .10			t = .78			t = .13		
Number of Methods Not Used	V	H	8	6.963	192	87.1	21.9	197	1.25	2.29	195	2.64	1.13	197	3.17	0.74
		L	8	4.221	160	83.0	24.6	160	2.02	2.81	161	2.29	1.13	164	2.97	0.75
			t_U = .96		t = 1.69			t = -2.83**			t = -2.95**			t = -2.51*		
	C	H	6	6.292	134	85.7	22.1	137	1.23	1.61	135	2.30	1.13	135	3.13	0.73
		L	7	3.817	119	84.0	23.5	114	1.62	2.39	117	2.08	1.09	118	3.06	0.74
(S-1, 14.NA)			t_U = 1.08		t = .60			t = 1.54			t = 1.52			t = .77		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 11. Number of Employers Contacted for Reasons Other than Placement

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Last Four Employer Contacts	V	H	8	3.090	200	89.6	19.2	203	1.11	2.16	206	2.90	1.08	208	3.25	0.70
		L	8	1.945	152	79.6	26.6	154	2.23	2.90	150	1.91	0.97	153	2.85	0.75
			t_U = .53		t = 4.08**			t = 4.15**			t = 8.81**			t = 5.08**		
	C	H	7	3.444	109	86.6	20.0	105	1.34	2.02	108	2.14	1.13	109	3.10	0.71
		L	6	2.142	144	83.7	24.6	146	1.45	2.01	144	2.24	1.11	144	3.10	0.75
(S-1, 13)			t_U = .59		t = 1.01			t = .46			t = .65			t = .00		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 12. School Policy for Maintaining Labor Organization Relationships

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Existence of a Policy	C	H	7	1.000	130	82.6	25.2	125	1.67	2.45	126	2.18	1.12	128	3.07	0.75
		L	3	0.000	73	86.1	22.5	75	1.22	1.58	73	2.20	1.16	72	3.08	0.73
(S-1, 15)			t_U = .04		t = .99			t = 1.42			t = .10			t = .08		
Operation of an Organized Program	V	H	8	1.000	206	86.8	20.2	206	1.31	2.05	208	2.61	1.16	211	3.15	0.73
		L	6	0.000	117	81.9	27.1	119	2.16	3.37	118	2.19	1.09	119	2.93	0.80
			t_U = .67		t = 1.84			t = 2.82**			t = 3.17**			t = 2.58*		
	C	H	5	1.000	106	80.6	26.4	103	1.85	2.64	101	2.30	1.07	103	3.06	0.78
		L	5	0.000	97	87.3	21.3	97	1.14	1.46	98	2.07	1.18	97	3.09	0.70
(S-1, 16)			t_U = .19		t = -1.97*			t = -2.33*			t = 1.42			t = .30		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 13. Reasons for School Initiated Contacts with Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Find a Job for Graduate	V	H	8	1.192	189	87.6	20.6	188	1.23	1.90	188	2.54	1.11	191	3.14	0.71
		L	8	0.261	163	82.5	25.6	169	2.00	3.10	168	2.41	1.18	170	3.02	0.78
			t_U = 1.93		t = 2.05*			t = 2.83**			t = 1.05			t = 1.48		
	C	H	6	1.389	119	81.4	25.4	117	1.77	2.52	116	2.28	1.08	118	3.07	0.76
		L	5	0.383	97	87.3	21.3	97	1.14	1.46	98	2.07	1.18	97	3.09	0.70
(S-1, 18.1)			t_U = .08		t = 1.81			t = -2.18*			t = 1.36			t = .16		
To Check Former Student's Progress	V	H	8	0.922	184	84.9	23.9	181	1.47	2.32	181	2.33	1.11	185	3.06	0.73
		L	8	0.111	168	85.6	22.4	176	1.72	2.79	175	2.64	1.17	176	3.10	0.77
			t_U = 1.76		t = .30			t = .92			t = -2.49*			t = .53		
	C	H	5	0.950	104	84.6	22.4	98	1.52	2.44	101	2.20	1.07	102	3.00	0.70
		L	6	0.164	112	83.6	25.1	116	1.45	1.83	113	2.17	1.18	113	3.15	0.75
(S-1, 18.2)			t_U = .41		t = .33			t = .23			t = .20			t = 1.54		
To Discuss Apprenticeship Program	V	H	8	1.270	198	86.4	21.7	192	1.44	2.09	197	2.45	1.16	201	3.07	0.76
		L	8	0.298	154	83.8	25.0	165	1.77	3.02	159	2.52	1.13	160	3.09	0.74
			t_U = .71		t = 1.05			t = 1.23			t = .53			t = .23		
	C	H	6	1.306	137	85.4	22.4	134	1.42	2.18	134	2.31	1.11	134	3.08	0.75
		L	5	0.633	79	81.8	26.0	80	1.59	2.04	80	1.97	1.14	81	3.08	0.71
(S-1, 18.3)			t_U = .70		t = 1.05			t = .58			t = 2.14*			t = .01		
To Discuss Curriculum Change	V	H	8	0.780	205	87.5	21.0	204	1.21	1.93	205	2.66	1.12	208	3.16	0.72
		L	8	0.146	147	82.1	25.7	153	2.11	3.15	151	2.24	1.13	153	2.98	0.78
			t_U = 1.31		t = 2.15*			t = 3.34**			t = 3.51**			t = 2.29*		
	C	H	6	0.778	128	86.0	22.3	127	1.22	1.80	128	2.36	1.14	128	3.09	0.73
		L	5	0.150	88	81.3	25.6	87	1.86	2.49	86	1.93	1.07	87	3.07	0.73
(S-1, 18.4)			t_U = 1.24		t = 1.42			t = 2.18*			t = 2.75**			t = .18		
To Ask for Outside Speaker	V	H	8	0.724	177	85.9	21.9	176	1.50	1.98	175	2.49	1.14	178	3.07	0.73
		L	8	0.137	175	84.6	24.5	181	1.68	3.03	181	2.47	1.15	183	3.09	0.77
			t_U = 1.22		t = .53			t = .67			t = .17			t = .24		
	C	H	6	0.667	118	83.9	23.7	113	1.55	2.47	114	2.28	1.07	116	3.04	0.71
		L	5	0.050	98	84.4	24.0	101	1.41	1.67	100	2.08	1.18	99	3.13	0.75
(S-1, 18.5)			t_U = .08		t = .15			t = .46			t = 1.31			t = .99		
To Invite to School Activity	V	H	8	0.969	205	88.8	19.1	202	1.18	1.83	206	2.63	1.13	209	3.14	0.74
		L	8	0.203	147	80.3	27.2	155	2.14	3.21	150	2.28	1.13	152	2.99	0.76
			t_U = .42		t = 3.41**			t = 3.55**			t = 2.88**			t = 1.89		
	C	H	6	0.684	120	83.7	23.0	116	1.69	2.38	118	2.11	1.11	119	3.11	0.75
		L	5	0.150	95	85.4	22.6	95	1.18	1.51	97	2.23	1.16	96	3.08	0.71
(S-1, 18.6)			t_U = .12		t = .54			t = 1.83			t = .78			t = .25		
To Discuss Employment Needs	V	H	8	0.929	194	86.8	21.4	193	1.35	2.07	193	2.53	1.13	196	3.10	0.73
		L	8	0.269	158	83.3	25.2	164	1.89	3.03	163	2.43	1.17	165	3.05	0.77
			t_U = .71		t = 1.39			t = 1.98*			t = .85			t = .65		
	C	H	5	0.903	74	79.8	24.8	74	1.90	2.45	75	2.26	1.09	76	3.12	0.76
		L	6	0.430	142	86.3	23.0	140	1.26	1.90	139	2.14	1.15	139	3.06	0.71
(S-1, 18.7)			t_U = .43		t = 1.91			t = -2.09*			t = .73			t = .59		
To Obtain Adult Course Instructors	V	H	8	0.671	184	85.4	23.0	180	1.64	2.50	184	2.53	1.14	187	3.04	0.76
		L	8	0.018	168	85.1	23.4	177	1.55	2.63	172	2.43	1.15	174	3.12	0.73
			t_U = .24		t = .11			t = .32			t = .86			t = 1.04		
	C	H	3	0.750	92	84.5	25.9	94	1.42	2.20	87	2.53	1.09	88	3.16	0.79
		L	7	0.000	114	84.2	22.0	110	1.53	2.12	116	1.91	1.07	116	3.02	0.69
(S-1, 18.8)			t_U = 1.60		t = .07			t = .38			t = 4.06**			t = 1.36		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 13. Reasons for School Initiated Contacts with Labor Organizations (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Solicit Technical Information	V	H	8	1.065	179	86.8	22.4	178	1.35	2.24	179	2.57	1.10	182	3.14	0.68
		L	8	0.046	173	83.6	24.0	179	1.83	2.83	177	2.39	1.19	179	3.02	0.81
			t_U = 1.28		t = 1.31			t = 1.78			t = 1.51			t = 1.47		
	C	H	5	0.867	113	85.4	23.3	113	1.28	1.89	113	2.39	1.12	113	3.13	0.74
		L	6	0.297	103	82.7	24.3	101	1.71	2.35	101	1.95	1.09	102	3.02	0.72
(S-1, 18.9)			t_U = 1.52		t = .84			t = 1.47			$t = 2.90^{**}$			t = 1.13		
To Inform About New Development	V	H	8	0.881	192	86.9	20.5	190	1.39	1.90	191	2.54	1.14	194	3.10	0.73
		L	8	0.081	160	83.3	25.9	167	1.83	3.14	165	2.42	1.15	167	3.06	0.77
			t_U = 1.16		t = 1.45			t = 1.61			t = 1.03			t = .57		
	C	H	5	0.667	109	83.4	25.5	107	1.44	2.29	107	2.21	1.06	109	3.06	0.68
		L	6	0.122	107	84.8	22.0	107	1.52	1.96	107	2.16	1.20	106	3.10	0.78
(S-1, 18.10)			t_U = .46		t = .43			t = .26			t = .27			t = .37		
To Invite to Advisory Committee Meeting	V	H	8	0.917	208	87.5	20.1	205	1.31	2.01	207	2.62	1.14	209	3.13	0.73
		L	8	0.091	144	82.0	26.8	152	1.98	3.13	149	2.30	1.13	152	3.02	0.77
			t_U = 1.59		$t = 2.19^{*}$			$t = 2.47^{*}$			$t = 2.60^{**}$			t = 1.31		
	C	H	6	0.833	113	82.6	24.8	109	1.64	2.52	110	2.32	1.08	112	3.08	0.72
		L	5	0.080	103	85.8	22.6	105	1.31	1.61	104	2.04	1.16	103	3.09	0.75
(S-1, 18.11)			t_U = .50		t = .99			t = 1.12			t = 1.78			t = .10		
To Find Job for Students	V	H	8	1.003	185	86.8	21.7	187	1.33	1.94	184	2.55	1.12	187	3.15	0.69
		L	8	0.124	167	83.5	24.6	170	1.89	3.09	172	2.41	1.17	174	3.01	0.80
			t_U = 1.69		t = 1.36			$t = 2.07^{*}$			t = 1.09			t = 1.72		
	C	H	6	1.294	119	81.4	25.4	117	1.77	2.52	116	2.28	1.08	118	3.07	0.76
		L	5	0.067	97	87.3	21.3	97	1.14	1.46	98	2.07	1.18	97	3.09	0.70
(S-1, 18.12)			t_U = .08		t = 1.81			$t = -2.18^{*}$			t = 1.36			t = .16		
Frequency of All Reasons for Contact	V	H	8	8.937	205	87.0	21.1	206	1.34	2.02	205	2.57	1.14	208	3.14	0.72
		L	8	2.256	147	82.8	25.7	151	1.94	3.13	151	2.36	1.15	153	3.00	0.79
			t_U = .47		t = 1.64			$t = 2.20^{*}$			t = 1.76			t = 1.72		
	C	H	5	6.967	94	83.5	25.0	92	1.41	2.23	93	2.37	1.09	95	3.09	0.71
		L	6	3.764	122	84.6	22.9	122	1.54	2.05	121	2.04	1.14	120	3.07	0.75
(S-1, 18.F)			t_U = .78		t = .33			t = .44			$t = 2.14^{*}$			t = .15		
Variety of Reasons for Contact	V	H	8	6.237	205	87.0	21.1	206	1.34	2.02	205	2.57	1.14	208	3.14	0.72
		L	8	2.100	147	82.8	25.7	151	1.94	3.13	151	2.36	1.15	153	3.00	0.79
			t_U = .47		t = 1.64			$t = 2.20^{*}$			t = 1.76			t = 1.72		
	C	H	6	5.014	112	82.6	25.4	110	1.48	2.19	112	2.32	1.08	114	3.09	0.74
		L	5	2.667	104	85.7	21.9	104	1.48	2.07	102	2.04	1.17	101	3.07	0.72
(S-1, 18.V)			t_U = .22		t = .97			t = .02			t = 1.80			t = .22		
Number of Reasons Not Used for Contact	V	H	8	9.912	181	85.6	22.6	180	1.67	2.55	181	2.48	1.15	182	3.00	0.79
		L	8	4.330	171	84.9	23.9	177	1.52	2.58	175	2.49	1.15	179	3.16	0.69
			t_U = .47		t = .26			t = .55			t = .08			$t = -1.97^{*}$		
	C	H	6	11.138	104	84.3	21.1	103	1.52	2.11	106	2.08	1.07	106	3.09	0.69
		L	7	7.636	149	85.3	23.9	148	1.32	1.94	146	2.28	1.15	147	3.10	0.76
(S-1, 18.NA)			t_U = .18		t = .35			t = .77			t = 1.40			t = .16		

* significant at the .05 level of confidence

** significant at the .01 level of confidence

Table 14. Methods Used to Promote Effective School-Labor Organization Relationships

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Attendance at General Advisory Committee Meetings (S-1, 17.1)	V	H	7	1.242	192	84.7	23.4	191	1.51	2.43	190	2.58	1.15	192	3.09	0.77
		L	8	0.186	145	85.5	22.8	149	1.77	2.82	150	2.36	1.15	152	3.06	0.74
			t_U = 1.30		t = .32			t = .89			t = 1.78			t = .35		
	C	H	6	1.208	151	85.8	23.0	151	1.47	2.16	146	2.19	1.12	146	3.09	0.78
		L	5	0.500	77	83.4	23.5	78	1.38	1.92	79	2.14	1.13	80	3.03	0.64
			t_U = .50		t = .74			t = .29			t = .32			t = .64		
Attendance at Craft Advisory Committee Meetings (S-1, 17.2)	V	H	7	1.242	192	84.7	23.4	191	1.51	2.43	190	2.58	1.15	192	3.09	0.77
		L	8	0.186	145	85.5	22.8	149	1.77	2.82	150	2.36	1.15	152	3.06	0.74
			t_U = 1.30		t = .32			t = .89			t = 1.78			t = .35		
	C	H	6	1.208	151	85.8	23.0	151	1.47	2.16	146	2.19	1.12	146	3.09	0.78
		L	5	0.500	77	83.4	23.5	78	1.38	1.92	79	2.14	1.13	80	3.03	0.64
			t_U = .50		t = .74			t = .29			t = .32			t = .64		
Attendance at Apprenticeship Advisory Committee Meetings (S-1, 17.3)	V	H	8	1.281	181	85.1	23.4	177	1.62	2.44	180	2.32	1.16	184	3.02	0.79
		L	7	0.089	140	83.9	23.6	148	1.77	2.73	144	2.58	1.13	145	3.10	0.71
			t_U = .05		t = .45			t = .52			t = -2.02*			t = 1.00		
	C	H	4	1.542	59	82.8	24.6	57	1.32	1.84	60	2.28	1.07	61	3.06	0.75
		L	5	0.600	132	83.2	24.9	131	1.62	2.37	127	2.24	1.12	127	3.08	0.75
			t_U = .07		t = .10			t = .85			t = .23			t = .11		
Attendance at Other Meetings Involving Labor Contacts (S-1, 17.4)	V	H	8	1.472	191	86.6	22.4	192	1.38	2.35	192	2.75	1.08	194	3.13	0.73
		L	8	0.271	161	83.6	24.1	165	1.85	2.77	164	2.16	1.14	167	3.02	0.77
			t_U = .79		t = 1.18			t = 1.73			t = 4.98**			t = 1.44		
	C	H	4	1.571	82	83.1	25.4	82	1.51	2.34	80	2.39	1.10	82	3.08	0.72
		L	5	0.467	89	82.1	23.7	84	1.65	2.32	89	1.97	1.01	89	2.98	0.71
			t_U = 2.53*		t = .26			t = .39			t = 2.57*			t = .91		
Personal Visits to Labor Organization Officials (S-1, 17.5)	V	H	7	1.217	153	83.2	24.5	149	1.82	2.68	150	2.42	1.12	152	3.00	0.75
		L	7	0.202	150	86.4	22.3	157	1.45	2.59	155	2.45	1.17	157	3.14	0.75
			t_U = 1.82		t = 1.19			t = 1.24			t = .19			t = 1.63		
	C	H	5	1.400	88	86.7	21.4	90	1.22	1.36	92	2.19	1.18	91	3.20	0.75
		L	6	0.375	128	82.3	25.2	124	1.67	2.53	122	2.18	1.09	124	2.99	0.70
			t_U = 1.21		t = 1.31			t = 1.54			t = .05			t = 2.09*		
Personal Visits from Labor Organization Officials (S-1, 17.6)	V	H	8	1.267	198	86.8	21.7	195	1.42	2.31	198	2.65	1.13	200	3.13	0.71
		L	7	0.266	139	82.6	24.8	145	1.90	2.94	142	2.26	1.16	144	3.00	0.81
			t_U = .74		t = 1.63			t = 1.68			t = 3.10**			t = 1.53		
	C	H	6	1.889	136	84.1	24.4	135	1.52	2.32	132	2.40	1.09	133	3.14	0.76
		L	5	0.410	80	84.2	22.9	79	1.42	1.75	82	1.85	1.12	82	2.98	0.68
			t_U = 1.55		t = .03			t = .34			t = 3.54**			t = 1.54		
Talks Given to Labor Organization Meetings (S-1, 17.7)	V	H	4	0.406	67	88.3	18.9	66	1.45	2.48	68	2.48	1.19	69	3.07	0.76
		L	10	0.000	236	83.8	24.6	240	1.68	2.68	237	2.42	1.13	240	3.07	0.75
			t_U = .12		t = 1.39			t = .63			t = .35			t = .05		
	C	H	5	0.633	102	82.9	25.8	104	1.40	1.86	103	2.28	1.09	103	3.17	0.76
		L	6	0.000	114	85.2	21.9	110	1.56	2.36	111	2.10	1.16	112	3.00	0.70
			t_U = .08		t = .70			t = .54			t = 1.19			t = 1.67		
Special School Events Involving Labor Contacts (S-1, 17.8)	V	H	8	1.062	166	83.4	26.3	166	1.63	2.70	164	2.52	1.10	167	3.06	0.73
		L	7	0.106	140	87.1	18.9	143	1.47	2.22	144	2.37	1.15	146	3.12	0.74
			t_U = 1.30		t = 1.41			t = .57			t = 1.21			t = .71		
	C	H	5	0.710	108	81.4	26.2	103	1.75	2.62	103	2.28	1.03	105	3.07	0.77
		L	5	0.267	75	86.4	20.2	75	1.27	1.62	78	1.86	1.16	78	2.99	0.61
			t_U = .29		t = 1.37			t = 1.40			t = 2.59*			t = .72		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 14. Methods Used to Promote Effective School-Labor Organization Relationships (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Phone Contacts with Labor Union Officials (S-1, 17.9)	V	H	8	2.343	182	85.0	23.2	178	1.52	2.16	179	2.34	1.12	183	3.06	0.73
		L	8	0.386	170	85.6	23.3	179	1.67	2.91	177	2.62	1.16	178	3.11	0.77
			$\underline{t}_U$ = 2.36*		$\underline{t}$ = .24			$\underline{t}$ = .56			$\underline{t}$ = -2.32*			$\underline{t}$ = .61		
	C	H	5	2.167	79	80.4	26.6	78	1.53	2.05	81	2.15	1.07	82	3.09	0.71
		L	6	0.861	137	86.2	21.8	136	1.45	2.18	133	2.21	1.17	133	3.08	0.74
			$\underline{t}_U$ = 1.01		$\underline{t}$ = 1.74			$\underline{t}$ = .26			$\underline{t}$ = .40			$\underline{t}$ = .07		
"Printed Matter" Contacts with Labor Organizations (S-1, 17.10)	V	H	7	0.880	147	85.2	24.2	146	1.60	2.72	146	2.44	1.12	148	3.07	0.73
		L	7	0.000	156	84.5	22.8	160	1.66	2.57	159	2.43	1.16	161	3.07	0.78
			$\underline{t}_U$ = .45		$\underline{t}$ = .23			$\underline{t}$ = .18			$\underline{t}$ = .04			$\underline{t}$ = .05		
	C	H	5	0.933	91	84.0	23.4	92	1.51	2.17	91	2.43	1.10	91	3.21	0.75
		L	5	0.217	113	82.9	25.0	110	1.50	2.18	111	2.10	1.08	112	2.97	0.71
			$\underline{t}_U$ = 2.31*		$\underline{t}$ = .33			$\underline{t}$ = .02			$\underline{t}$ = 2.14*			$\underline{t}$ = 2.32*		
Personal Letter Contacts with Labor Officials (S-1, 17.11)	V	H	8	1.458	195	86.8	22.6	194	1.31	2.24	196	2.70	1.11	199	3.16	0.69
		L	8	0.088	157	83.3	23.8	163	1.93	2.87	160	2.22	1.14	162	2.98	0.80
			$\underline{t}_U$ = .74		$\underline{t}$ = 1.40			$\underline{t}$ = 2.26*			$\underline{t}$ = 3.98**			$\underline{t}$ = 2.26*		
	C	H	5	1.300	122	84.8	23.4	120	1.49	2.28	119	2.34	1.09	119	3.12	0.76
		L	5	0.517	82	81.4	25.5	82	1.52	2.01	83	2.12	1.10	84	3.02	0.71
			$\underline{t}_U$ = 1.02		$\underline{t}$ = .97			$\underline{t}$ = .08			$\underline{t}$ = 1.43			$\underline{t}$ = 1.01		
Other Contacts with Labor Officials (S-1, 17.12)	V	H	2	0.381	47	85.5	21.9	49	1.47	2.07	47	2.78	1.06	47	3.20	0.60
		L	12	0.000	256	84.7	23.8	257	1.66	2.74	258	2.37	1.15	262	3.05	0.77
			$\underline{t}_U$ = 1.17		$\underline{t}$ = .22			$\underline{t}$ = .47			$\underline{t}$ = 2.29*			$\underline{t}$ = 1.27		
	C	H	4	1.208	87	84.7	24.5	83	1.43	2.17	85	2.08	1.11	86	3.05	0.75
		L	5	0.000	81	80.7	24.9	81	1.82	2.50	81	2.13	1.09	82	3.07	0.68
			$\underline{t}_U$ = .58		$\underline{t}$ = 1.04			$\underline{t}$ = 1.06			$\underline{t}$ = .31			$\underline{t}$ = .21		
Frequency of All Methods (S-1, 17-F)	V	H	8	7.192	201	85.1	22.4	195	1.57	2.24	198	2.44	1.16	201	3.05	0.75
		L	8	2.082	151	85.4	24.2	162	1.62	2.91	158	2.54	1.13	160	3.12	0.75
			$\underline{t}_U$ = 1.97		$\underline{t}$ = .13			$\underline{t}$ = .18			$\underline{t}$ = .81			$\underline{t}$ = .79		
	C	H	6	6.156	94	82.0	25.1	92	1.41	1.92	96	2.14	1.09	97	3.03	0.70
		L	6	3.190	146	87.0	21.6	147	1.40	2.12	142	2.21	1.13	142	3.10	0.75
			$\underline{t}_U$ = 1.71		$\underline{t}$ = 1.62			$\underline{t}$ = .06			$\underline{t}$ = .51			$\underline{t}$ = .72		
Number of Methods Used (S-1, 17-V)	V	H	8	4.328	203	85.0	23.2	198	1.53	2.37	200	2.43	1.15	203	3.06	0.75
		L	8	1.593	149	85.5	23.3	159	1.68	2.79	156	2.55	1.14	158	3.11	0.75
			$\underline{t}_U$ = 1.43		$\underline{t}$ = .19			$\underline{t}$ = .55			$\underline{t}$ = .98			$\underline{t}$ = .72		
	C	H	6	3.892	117	83.9	24.5	118	1.32	1.77	118	2.26	1.11	118	3.11	0.75
		L	6	2.766	123	86.1	21.6	121	1.48	2.28	120	2.11	1.12	121	3.03	0.71
			$\underline{t}_U$ = .77		$\underline{t}$ = .74			$\underline{t}$ = .60			$\underline{t}$ = 1.03			$\underline{t}$ = .84		
Number of Methods Not Used (S-1, 17-NA)	V	H	8	9.661	192	85.9	23.1	190	1.41	2.31	191	2.59	1.14	194	3.08	0.78
		L	8	5.324	160	84.4	23.3	167	1.80	2.82	165	2.35	1.14	167	3.09	0.71
			$\underline{t}_U$ = .96		$\underline{t}$ = .59			$\underline{t}$ = 1.44			$\underline{t}$ = 1.96			$\underline{t}$ = .16		
	C	H	7	10.728	132	87.7	20.0	134	1.13	1.40	136	2.13	1.14	135	3.17	0.70
		L	6	7.678	121	81.9	25.2	117	1.72	2.51	116	2.27	1.09	118	3.02	0.76
			$\underline{t}_U$ = 1.17		$\underline{t}$ = 2.05*			$\underline{t}$ = 2.29*			$\underline{t}$ = .98			$\underline{t}$ = 1.64		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 15. Knowledge of Relevant Labor Organizations by School

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Likelihood of Graduates to Affiliate with Labor Organizations (S-1, 20.1)	V	H	8	0.723	197	87.8	20.0	203	1.31	2.28	203	2.76	1.11	205	3.23	0.66
		L	8	0.458	155	82.0	26.4	154	1.97	2.85	153	2.11	1.09	156	2.88	0.81
			t_U = .79		t = 2.32*			t = 2.43*			t = 5.46**			t = 4.48**		
	C	H	6	0.828	126	85.3	24.4	126	1.32	1.99	123	2.35	1.18	124	3.14	0.74
		L	7	0.320	127	84.5	21.1	125	1.49	2.04	129	2.05	1.04	129	3.05	0.72
			t_U = .75		t = .26			t = .63			t = 2.14*			t = .97		
Number of Labor Organizations in the Community (S-1, 20.2)	V	H	8	2.265	188	83.3	25.4	186	1.64	2.63	185	2.43	1.14	187	3.01	0.77
		L	8	1.074	164	87.4	20.2	171	1.54	2.49	171	2.54	1.15	174	3.16	0.72
			t_U = 3.70**		t = 1.67			t = .37			t = .88			t = 1.90		
	C	H	6	2.617	123	82.5	25.0	117	1.63	2.49	118	2.26	1.06	120	3.03	0.76
		L	5	1.440	93	86.2	22.0	97	1.30	1.57	96	2.10	1.21	95	3.15	0.70
			t_U = 1.04		t = 1.11			t = 1.15			t = 1.03			t = 1.20		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 16. Problems in Apprenticeship Placement

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Existence of Problem Labor Organizations (S-1, 21.1)	V	H	8	0.392	178	85.5	23.5	179	1.55	2.50	179	2.53	1.13	181	3.04	0.79
		L	8	0.016	174	85.0	22.9	178	1.63	2.63	177	2.43	1.16	180	3.12	0.71
			t_U = .24		t = .23			t = .29			t = .79			t = 1.01		
	C	H	5	0.377	98	84.3	22.6	97	1.61	2.31	97	1.97	1.12	98	3.03	0.67
		L	6	0.117	118	83.9	24.8	117	1.38	1.96	117	2.37	1.11	117	3.12	0.78
			t_U = .29		t = .10			t = .78			t = 2.61**			t = .92		
Number of Problem Labor Organizations (S-1, 21.2)	V	H	8	0.571	173	84.8	23.5	171	1.64	2.39	172	2.49	1.14	175	3.04	0.78
		L	8	0.021	179	85.6	22.9	186	1.55	2.72	184	2.47	1.15	186	3.12	0.71
			t_U = .90		t = .32			t = .35			t = .19			t = 1.10		
	C	H	6	0.708	84	85.3	20.6	82	1.59	2.26	84	1.82	1.09	84	2.99	0.64
		L	5	0.090	132	83.3	25.6	132	1.42	2.05	130	2.42	1.10	131	3.14	0.78
			t_U = .80		t = .60			t = .56			t = 3.88**			t = 1.51		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 17. School Personnel Contact with Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Last Four Contacts with Labor Organization Representatives (S-1, 22)	V	H	8	1.326	200	87.0	21.7	200	1.29	2.32	202	2.65	1.10	205	3.19	0.69
		L	8	0.238	152	82.8	24.9	157	1.98	2.80	154	2.27	1.16	156	2.94	0.81
			t_U = .77		t = 1.69			t = 2.56*			t = 3.14**			t = 3.06**		
	C	H	7	1.208	133	82.3	25.0	127	1.62	2.43	129	2.27	1.08	131	3.03	0.75
		L	4	0.350	83	87.0	21.6	87	1.27	1.58	85	2.06	1.19	84	3.16	0.70
			t_U = .84		t = 1.43			t = 1.17			t = 1.33			t = 1.30		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 18. School Policy for Maintaining Relations with Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Existence of Policy	C	H	10	1.000	195	84.5	23.3	193	1.50	2.21	192	2.09	1.10	194	3.03	0.72
		L	3	0.000	58	86.4	20.9	58	1.10	1.12	60	2.52	1.12	59	3.34	0.74
(S-1, 23)			t_U = .86		t = .57			t = 1.32			t = -2.60**			t = -2.89**		
Program for Periodic Contacts	C	H	8	1.000	146	83.6	23.7	143	1.61	2.34	143	2.16	1.14	145	3.04	0.74
		L	5	0.000	107	86.8	21.3	108	1.13	1.44	109	2.24	1.09	108	3.17	0.72
(S-1, 24)			t_U = .72		t = 1.10			t = 1.88			t = .54			t = 1.42		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 19. Reasons for School-Initiated Contacts with Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Inquire About Job Opportunities	V	H	8	1.556	148	80.9	26.1	149	2.16	2.82	147	1.98	1.04	150	2.87	0.77
		L	8	0.282	204	88.4	20.3	208	1.19	2.29	209	2.83	1.09	211	3.23	0.70
			t_U = .29		t = -3.01**			t = -3.56**			t = -7.37**			t = -4.65**		
	C	H	7	1.231	125	82.6	24.6	122	1.48	2.11	126	2.33	1.08	128	3.14	0.74
		L	6	0.389	128	87.2	20.7	129	1.34	1.92	126	2.06	1.14	125	3.06	0.73
(S-1, 25.1)			t_U = .30		t = 1.57			t = .54			t = 1.96*			t = .89		
To Try to Place Graduate/Student	V	H	8	1.121	163	80.3	27.4	163	2.00	2.75	159	2.19	1.08	163	2.97	0.75
		L	8	0.200	189	89.5	17.8	194	1.26	2.35	197	2.71	1.14	198	3.17	0.74
			t_U = 2.08		t = -3.78**			t = -2.74**			t = -4.35**			t = -2.46*		
	C	H	6	1.200	119	81.4	25.4	117	1.77	2.52	116	2.28	1.08	118	3.07	0.76
		L	7	0.395	134	88.0	19.7	134	1.09	1.35	136	2.12	1.15	135	3.12	0.71
(S-1, 25.2)			t_U = .47		t = -2.30*			t = -2.70**			t = 1.13			t = .50		
To Request School Program Speaker	V	H	8	0.526	170	84.6	24.6	175	1.66	2.61	171	2.67	1.09	173	3.12	0.71
		L	8	0.047	182	85.8	21.8	182	1.53	2.52	185	2.31	1.17	188	3.05	0.78
			t_U = .14		t = .47			t = .45			t = 2.95**			t = .82		
	C	H	7	0.733	151	86.1	22.7	147	1.27	1.94	149	2.02	1.07	150	3.00	0.70
		L	7	0.112	102	83.2	22.8	104	1.59	2.10	103	2.45	1.14	103	3.25	0.75
(S-1, 25.3)			t_U = 1.51		t = 1.00			t = 1.22			t = -3.08**			t = -2.71**		
To Invite Representative to School Program	V	H	8	0.635	154	86.9	22.5	155	1.53	2.49	155	2.60	1.08	157	3.09	0.73
		L	8	0.065	198	84.0	23.7	202	1.64	2.62	201	2.39	1.19	204	3.07	0.76
			t_U = .58		t = 1.17			t = .40			t = 1.65			t = .21		
	C	H	7	0.524	157	84.0	24.6	155	1.59	2.38	151	2.07	1.07	153	3.04	0.74
		L	6	0.042	109	85.3	21.1	111	1.26	1.50	113	2.24	1.17	112	3.15	0.71
(S-1, 25.4)			t_U = .44		t = .48			t = 1.28			t = 1.28			t = 1.20		
To Arrange for Aptitude Testing	V	H	8	1.340	161	82.7	25.3	161	1.84	2.42	158	2.19	1.08	162	3.03	0.71
		L	8	0.218	191	87.4	21.0	196	1.40	2.67	198	2.71	1.15	199	3.13	0.78
			t_U = 1.46		t = 1.90			t = 1.62			t = -4.32**			t = 1.23		
	C	H	7	1.448	129	83.6	23.8	128	1.54	2.04	130	2.09	1.14	129	3.12	0.74
		L	6	0.486	124	86.3	21.7	123	1.26	1.98	122	2.31	1.08	124	3.08	0.72
(S-1, 25.5)			t_U = 1.07		t = .94			t = 1.10			t = 1.58			t = .39		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 19. Reasons for School-Initiated Contacts with Employment Security Office (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Arrange for Vocational Counseling	V	H	8	1.068	177	84.5	23.8	175	1.72	2.34	176	2.33	1.14	180	3.05	0.74
		L	8	0.158	157	87.4	21.4	162	1.36	2.74	163	2.67	1.14	164	3.13	0.78
			$\underline{t}_U$ = .39		$\underline{t}$ = 1.16			$\underline{t}$ = 1.31			$\underline{t}$ = -2.66**			$\underline{t}$ = .97		
	C	H	6	1.611	143	83.5	25.2	142	1.42	2.01	142	2.24	1.10	142	3.09	0.75
(S-1, 25.6)		L	7	0.440	110	86.8	19.1	109	1.39	2.02	110	2.13	1.14	111	3.11	0.71
			$\underline{t}_U$ = 1.22		$\underline{t}$ = 1.14			$\underline{t}$ = .10			$\underline{t}$ = .78			$\underline{t}$ = .13		
To Obtain Occupational Information	V	H	8	1.138	161	84.0	24.5	163	1.83	2.48	161	2.46	1.12	164	3.08	0.68
		L	8	0.281	191	86.3	22.0	194	1.40	2.62	195	2.50	1.17	197	3.08	0.80
			$\underline{t}_U$ = .04		$\underline{t}$ = .93			$\underline{t}$ = 1.59			$\underline{t}$ = .40			$\underline{t}$ = .06		
	C	H	7	1.026	110	83.5	23.0	109	1.51	2.14	112	2.23	1.06	113	3.10	0.74
		L	6	0.330	143	86.0	22.6	142	1.33	1.91	140	2.16	1.16	140	3.10	0.73
(S-1, 25.7)			$\underline{t}_U$ = .68		$\underline{t}$ = .88			$\underline{t}$ = .70			$\underline{t}$ = .48			$\underline{t}$ = .02		
Other than Above	V	H	6	1.107	135	83.9	24.8	143	1.71	3.04	138	2.50	1.12	139	3.08	0.77
		L	10	0.000	217	86.1	22.1	214	1.52	2.19	218	2.47	1.16	222	3.08	0.73
			$\underline{t}_U$ = .98		$\underline{t}$ = .85			$\underline{t}$ = .70			$\underline{t}$ = .19			$\underline{t}$ = .04		
	C	H	5	0.767	120	84.9	24.9	118	1.32	2.19	116	2.20	1.03	118	3.04	0.70
(S-1, 25.8)		L	8	0.000	133	85.0	20.8	133	1.48	1.85	136	2.19	1.19	135	3.15	0.76
			$\underline{t}_U$ = .28		$\underline{t}$ = .03			$\underline{t}$ = .60			$\underline{t}$ = .01			$\underline{t}$ = 1.27		
Number of Contacts for All Reasons	V	H	8	6.037	174	85.2	24.0	173	1.56	2.37	173	2.33	1.12	177	3.08	0.72
		L	8	1.650	178	85.2	22.4	184	1.63	2.74	183	2.62	1.16	184	3.08	0.77
			$\underline{t}_U$ = .59		$\underline{t}$ = .31			$\underline{t}$ = .26			$\underline{t}$ = -2.41*			$\underline{t}$ = .06		
	C	H	7	5.560	136	84.4	24.2	139	1.29	1.71	138	2.26	1.09	138	3.13	0.75
(S-1, 25F)		L	6	2.725	117	85.5	21.1	112	1.55	2.33	114	2.11	1.14	115	3.06	0.71
			$\underline{t}_U$ = .51		$\underline{t}$ = .36			$\underline{t}$ = 1.03			$\underline{t}$ = 1.07			$\underline{t}$ = .74		
Number of Reasons Given for Contact	V	H	8	3.668	158	84.8	24.8	161	1.65	2.52	158	2.46	1.09	161	3.12	0.66
		L	8	1.372	194	85.6	21.9	196	1.55	2.60	198	2.50	1.19	200	3.05	0.82
			$\underline{t}_U$ = .58		$\underline{t}$ = .33			$\underline{t}$ = .39			$\underline{t}$ = .38			$\underline{t}$ = .85		
	C	H	6	3.430	106	84.4	23.7	107	1.31	1.83	109	2.12	1.02	110	3.08	0.71
		L	7	1.836	147	85.3	22.1	144	1.48	2.14	143	2.25	1.18	143	3.11	0.75
(S-1, 25V)			$\underline{t}_U$ = .06		$\underline{t}$ = .32			$\underline{t}$ = .67			$\underline{t}$ = .92			$\underline{t}$ = .26		
Reasons Not Used for Contact	V	H	8	5.732	164	81.5	26.4	169	1.93	3.04	167	2.11	1.10	171	2.98	0.81
		L	8	2.096	188	88.5	19.4	188	1.29	2.00	189	2.81	1.09	190	3.17	0.68
			$\underline{t}_U$ = 1.19		$\underline{t}$ = 2.87**			$\underline{t}$ = 2.36*			$\underline{t}$ = 5.96**			$\underline{t}$ = 2.50*		
	C	H	7	5.187	98	85.6	20.5	94	1.46	2.01	99	2.04	1.08	99	3.13	0.75
S-1, 25NA)		L	6	3.158	155	84.5	24.1	157	1.37	2.01	153	2.30	1.13	154	3.08	0.72
			$\underline{t}_U$ = .02		$\underline{t}$ = .37			$\underline{t}$ = .33			$\underline{t}$ = 1.83			$\underline{t}$ = .46		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 20. Reasons for Employment Security Office-Initiated Contacts with Schools

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Request Student References	V	H	8	0.430	132	82.4	26.3	137	1.96	2.79	133	2.27	1.12	136	3.05	0.68
		L	8	0.079	220	87.0	20.9	220	1.36	2.38	223	2.61	1.15	225	3.10	0.79
			t_U = .34		t = 1.80			t = -2.16 *			t = -2.67 **			t = .67		
	C	H	6	-.694	119	83.7	23.5	114	1.65	2.39	115	2.08	1.14	116	2.99	0.74
		L	7	0.102	134	86.0	22.1	137	1.20	1.61	137	2.29	1.10	137	3.19	0.71
(S-1, 27.1)			t_U = 1.52		t = .78			t = 1.75			t = 1.51			t = -2.09 *		
To Arrange for Aptitude Testing	V	H	8	0.455	140	83.0	25.6	139	1.91	2.78	140	2.34	1.11	143	2.99	0.74
		L	8	0.067	212	86.7	21.4	218	1.40	2.40	216	2.58	1.16	218	3.14	0.75
			t_U = .93		t = 1.48			t = 1.83			t = 1.93			t = -1.97 *		
	C	H	6	0.592	119	85.7	21.5	120	1.37	1.89	121	2.26	1.07	120	3.14	0.78
		L	7	0.180	134	84.3	23.9	131	1.44	2.12	131	2.13	1.16	133	3.06	0.69
(S-1, 27.2)			t_U = 1.16		t = .49			t = .26			t = .91			t = .92		
To Make Counseling Arrangements	V	H	8	0.436	174	84.8	22.8	182	1.58	2.34	178	2.46	1.15	181	3.11	0.72
		L	8	0.037	178	85.6	23.6	175	1.60	2.78	178	2.51	1.14	180	3.05	0.78
			t_U = .96		t = .32			t = .07			t = .38			t = .80		
	C	H	6	0.458	144	86.8	22.6	144	1.23	1.80	142	2.22	1.12	142	3.11	0.77
		L	7	0.131	109	82.4	22.8	107	1.63	2.25	110	2.16	1.12	111	3.09	0.69
(S-1, 27.3)			t_U = .71		t = 1.54			t = 1.56			t = .39			t = .23		
To Notify About Job Openings	V	H	8	0.509	139	83.8	26.0	141	1.78	2.69	139	2.43	1.10	142	3.08	0.69
		L	8	0.065	213	86.2	21.2	216	1.48	2.47	217	2.52	1.17	219	3.08	0.78
			t_U = 1.10		t = .94			t = 1.08			t = .74			t = .00		
	C	H	6	0.515	91	85.9	21.9	94	1.30	1.67	94	2.13	1.14	95	3.11	0.73
		L	7	0.150	162	84.4	23.3	157	1.47	2.19	158	2.24	1.10	158	3.09	0.74
(S-1, 27.4)			t_U = 1.31		t = .51			t = .63			t = .76			t = .22		
Other than Above	V	H	5	0.170	132	88.3	19.8	138	1.20	2.24	136	2.75	1.08	137	3.24	0.65
		L	11	0.000	220	83.4	24.9	219	1.84	2.72	220	2.32	1.16	224	2.98	0.79
			t_U = .48		t = 1.92			t = 2.31 *			t = 3.49 **			t = 3.23 **		
	C	H	3	0.304	75	84.5	25.0	73	1.55	2.28	72	2.04	1.12	73	3.04	0.77
		L	10	0.000	178	85.1	21.8	178	1.35	1.89	180	2.26	1.11	180	3.12	0.72
(S-1, 27.5)			t_U = 1.11		t = .20			t = .72			t = 1.36			t = .85		
Frequency of Contacts for All Reasons	V	H	8	1.736	132	82.4	26.3	137	1.96	2.79	133	2.27	1.12	136	3.05	0.68
		L	8	0.448	220	87.0	20.9	220	1.36	2.38	223	2.61	1.15	225	3.10	0.79
			t_U = .34		t = 1.80			t = -2.16 *			t = -2.67 **			t = .61		
	C	H	7	1.882	128	85.9	21.7	128	1.37	1.85	129	2.18	1.14	128	3.13	0.77
		L	6	0.854	125	84.0	23.8	123	1.44	2.17	123	2.21	1.09	125	3.07	0.69
(S-1, 27F)			t_U = .90		t = .66			t = .25			t = .26			t = .63		
Number of Reasons Used for Contact	V	H	8	1.111	132	85.2	24.3	133	1.74	2.66	134	2.36	1.14	137	3.06	0.72
		L	8	0.348	220	85.3	22.6	224	1.51	2.50	222	2.55	1.15	224	3.10	0.77
			t_U = .29		t = .04			t = .81			t = 1.53			t = .45		
	C	H	6	1.221	124	86.7	22.0	122	1.26	1.90	124	2.10	1.08	125	3.06	0.73
		L	7	0.609	129	83.2	23.4	129	1.54	2.11	128	2.29	1.15	128	3.14	0.74
(S-1, 27V)			t_U = .22		t = 1.24			t = 1.12			t = 1.36			t = .87		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 21. School Visitation by Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Visit by Representative	C	H	10	1.000	204	84.0	24.0	204	1.53	2.17	201	2.18	1.14	202	3.08	0.74
		L	3	0.000	49	88.9	16.7	47	.87	.94	51	2.25	1.03	51	3.18	0.70
(S-1, 28A)			$\underline{t}_U$ = .97		$\underline{t}$ = 1.37			$\underline{t}$ = -2.01 *			$\underline{t}$ = .41			$\underline{t}$ = .89		
Visitation Recency	C	H	7	4.000	160	83.4	25.2	161	1.44	2.06	157	2.28	1.12	158	3.07	0.75
		L	3	2.333	44	85.8	18.7	43	1.85	2.53	44	1.82	1.14	44	3.09	0.68
(S-1, 28B)			$\underline{t}_U$ = .43		$\underline{t}$ = .58			$\underline{t}$ = 1.09			$\underline{t}$ = 2.38 *			$\underline{t}$ = .13		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 22. Student Orientation of Employment Security Office Services

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Existence of Orientation Program	V	H	8	0.641	165	81.3	27.0	167	2.05	2.94	165	2.23	1.14	168	2.94	0.81
		L	8	0.277	187	88.7	18.6	190	1.19	2.10	191	2.70	1.10	193	3.21	0.67
			$\underline{t}_U$ = .40		$\underline{t}$ = -2.99**			$\underline{t}$ = -3.21**			$\underline{t}$ = -3.96**			$\underline{t}$ = -3.41**		
	C	H	7	0.746	132	85.6	22.8	133	1.40	1.98	131	2.23	1.12	131	3.15	0.77
		L	6	0.247	121	84.2	22.8	118	1.41	2.05	121	2.16	1.11	122	3.04	0.68
(S-1, 31.1)			$\underline{t}_U$ = 1.17		$\underline{t}$ = .45			$\underline{t}$ = .01			$\underline{t}$ = .51			$\underline{t}$ = 1.20		
Type of Program	V	H	8	2.465	192	85.8	23.7	193	1.45	2.60	196	2.50	1.16	199	3.15	0.75
		L	8	1.902	160	84.5	22.6	161	1.77	2.51	160	2.46	1.13	162	3.00	0.75
			$\underline{t}_U$ = .17		$\underline{t}$ = .54			$\underline{t}$ = 1.18			$\underline{t}$ = .31			$\underline{t}$ = 1.90		
	C	H	6	2.653	135	85.5	23.8	132	1.26	2.08	131	2.15	1.05	133	3.00	0.69
		L	6	2.293	105	84.4	22.2	107	1.58	1.99	107	2.18	1.13	106	3.16	0.77
(S-1, 31.2)			$\underline{t}_U$ = .52		$\underline{t}$ = .37			$\underline{t}$ = 1.19			$\underline{t}$ = .04			$\underline{t}$ = 1.68		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 23. School Personnel Contacts with Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Number of Contacts	V	H	8	0.921	149	80.8	27.2	151	2.18	2.98	148	2.03	1.05	151	2.89	0.80
		L	8	0.358	203	88.5	19.2	206	1.17	2.11	208	2.81	1.10	210	3.22	0.68
			t_U = .09		t = -3.10**			t =-3.73**			t = -6.71**			t =-4.29**		
	C	H	6	0.886	128	85.2	23.8	125	1.28	2.04	125	2.27	1.05	127	3.03	0.75
		L	7	0.405	125	84.6	21.8	126	1.53	1.99	127	2.13	1.18	126	3.17	0.71
(S-1, 26)			t_U = .14		t = .22			t = .98			t = .98			t = 1.56		

* significant at the .05 level of confidence.
** significant at the .01 level of confidence

Table 24. Graduate Referrals to Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Percentage of Referrals/Graduates	V	H	8	32.268	154	80.9	26.7	154	2.05	2.37	153	2.03	1.08	157	2.93	0.80
		L	8	0.000	198	88.6	19.4	203	1.25	2.14	203	2.82	1.08	204	3.20	0.69
			t_U = .32		t = -3.10**			t =-2.97**			t = -6.78**			t =-3.45**		
	C	H	7	20.945	146	85.2	22.1	141	1.42	2.20	144	2.17	1.04	145	3.01	0.74
		L	6	0.000	107	84.5	23.7	110	1.38	1.74	108	2.23	1.21	108	3.21	0.71
(S-1, 29 & 30)			t_U = .42		t = .25			t = .14			t = .42			t =-2.14*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 25. Involvement of School Personnel in Community Organizations: Civic and Service

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
CIVIC AND SERVICE	V	H	8	0.833	188	88.0	20.2	186	1.33	2.08	189	2.53	1.13	192	3.12	0.74
Contact Due to		L	8	0.179	164	82.1	25.9	171	1.88	2.98	167	2.42	1.17	169	3.04	0.76
Membership			t_U = .04		t = 2.37*			t = 2.05*			t = .89			t = 1.00		
	C	H	6	1.670	93	86.0	21.8	92	1.23	1.61	95	2.15	1.11	96	3.17	0.74
		L	7	0.719	160	84.3	23.3	159	1.50	2.21	157	2.22	1.12	157	3.05	0.73
(S-1, 35.1A)			t_U = .63		t = .58			t = 1.02			t = .45			t = 1.24		
Contact as a School	V	H	8	25.483	180	87.3	22.1	178	1.39	2.25	181	2.63	1.13	184	3.12	0.71
Representative		L	7	2.071	161	83.0	24.8	167	1.76	2.84	163	2.39	1.14	165	3.06	0.79
			t_U = .14		t = 1.66			t = 1.36			t = 1.92			t = .70		
	C	H	6	16.278	117	85.0	21.7	120	1.45	1.92	119	2.28	1.11	118	3.14	0.78
		L	6	3.583	122	85.6	22.6	116	1.32	2.02	120	2.04	1.12	121	3.04	0.68
(S-1, 35.2A)			t_U = 1.78		t = .20			t = .51			t = 1.62			t = 1.01		
Number of Talks	V	H	7	1.807	172	88.8	19.7	177	1.25	2.23	178	2.73	1.09	181	3.24	0.67
Given to Members		L	7	0.000	135	81.8	26.8	136	1.98	3.00	134	2.44	1.15	135	2.96	0.77
			t_U = -2.55*		t = 2.61**			t = 2.45*			t = 2.25*			t = 3.36**		
	C	H	7	3.357	126	86.7	21.8	130	1.21	1.51	127	2.25	1.18	127	3.12	0.77
		L	6	0.706	127	83.2	23.6	121	1.62	2.42	125	2.14	1.05	126	3.08	0.70
(S-1, 35.3A)			t_U = 1.58		t = 1.23			t = 1.60			t = .80			t = .39		
Number of Meetings	V	H	7	39.836	156	86.2	22.7	158	1.62	2.61	158	2.59	1.11	160	3.09	0.74
Attended		L	7	4.428	151	85.3	24.1	155	1.51	2.63	154	2.62	1.14	156	3.15	0.72
			t_U = .85		t = .33			t = .37			t = .23			t = .64		
	C	H	6	22.961	90	83.3	22.6	90	1.39	1.84	93	2.19	1.14	94	3.10	0.66
		L	7	9.928	163	85.8	22.9	161	1.41	2.11	159	2.20	1.11	159	3.10	0.77
(S-1, 35.4A)			t_U = .39		t = .82			t = .08			t = .06			t = .06		
Number of Committee	V	H	7	2.371	162	86.5	23.1	162	1.47	2.34	163	2.59	1.14	166	3.13	0.70
Memberships		L	7	0.643	145	84.9	23.7	151	1.67	2.89	149	2.61	1.10	150	3.11	0.76
			t_U = .34		t = .60			t = .69			t = .12			t = .25		
	C	H	6	2.267	114	83.9	22.7	111	1.43	1.99	115	2.25	1.11	116	3.07	0.74
		L	6	0.139	125	86.7	21.6	125	1.34	1.95	124	2.08	1.12	123	3.10	0.72
(S-1, 35.5A)			t_U = .55		t = .97			t = .36			t = 1.17			t = .35		
Help Given to School's	V	H	8	2.156	174	87.8	20.9	176	1.33	2.06	175	2.73	1.09	177	3.15	0.68
Vocational Education		L	7	0.571	144	83.0	25.2	149	1.91	3.13	149	2.36	1.16	151	3.04	0.78
Program			t_U = .80		t = 1.86			t = 1.97*			t = 2.92**			t = 1.39		
	C	H	6	2.694	106	86.2	21.9	108	1.14	1.44	108	2.47	1.11	108	3.23	0.74
		L	7	1.093	147	84.0	23.4	143	1.61	2.34	144	1.99	1.08	145	3.00	0.71
(S-1, 35.6A)			t_U = 2.62*		t = .73			t = 1.83			t = 3.38**			t = 2.44*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 26. Involvement of School Personnel in Community Organizations: Social and Fraternal

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
SOCIAL AND FRATERNAL Contact Due to Membership	V	H	8	1.023	149	88.8	18.2	153	1.57	2.37	155	2.55	1.15	156	3.08	0.74
		L	8	0.330	203	82.6	26.0	204	1.61	2.70	201	2.43	1.14	205	3.08	0.76
			t_U = 1.52		t = 2.49*			t = .17			t = .91			t = .04		
	C	H	7	1.002	105	87.0	18.3	100	1.29	1.86	106	2.08	1.15	106	3.07	0.70
		L	6	0.354	148	83.4	25.4	151	1.48	2.11	146	2.28	1.09	147	3.12	0.76
(S-1, 35.1B)			t_U = .35		t = 1.23			t = .72			t = 1.44			t = .58		
Contact as a School Representative	V	H	7	3.286	136	87.8	20.6	138	1.42	2.18	137	2.59	1.10	139	3.14	0.70
		L	8	0.250	202	83.5	24.6	204	1.71	2.84	205	2.37	1.16	208	3.04	0.79
			t_U = .97		t = 1.68			t = 1.01			t = 1.76			t = 1.19		
	C	H	7	15.900	125	87.6	19.6	124	1.23	1.75	125	2.19	1.17	124	3.08	0.74
		L	5	0.133	114	82.8	24.4	112	1.55	2.17	114	2.13	1.05	115	3.09	0.73
(S-1, 35.2B)			t_U = 1.51		t = 1.65			t = 1.24			t = .40			t = .05		
Number of Talks Given to Members	V	H	3	0.556	75	91.6	18.2	78	.81	1.67	78	2.91	1.01	79	3.30	0.63
		L	11	0.000	229	83.7	24.0	232	1.86	2.87	232	2.41	1.15	235	3.03	0.76
			t_U = .12		t = 2.59**			t = 3.05**			t = 3.37**			t = 2.78**		
	C	H	6	1.997	104	88.4	19.0	105	1.05	1.12	107	2.26	1.19	106	3.21	0.73
		L	6	0.021	135	83.0	24.0	131	1.65	2.41	132	2.07	1.05	133	2.99	0.72
(S-1, 35.3B)			t_U = 2.48*		t = 1.88			t = 2.36*			t = 1.29			t = 2.25*		
Number of Meetings Attended	V	H	7	10.333	143	85.6	23.5	145	1.54	2.73	145	2.48	1.16	146	3.07	0.73
		L	7	3.000	161	85.6	22.5	165	1.63	2.60	165	2.59	1.11	168	3.13	0.74
			t_U = 1.59		t = .02			t = .29			t = .80			t = .67		
	C	H	6	25.410	129	86.0	20.7	125	1.43	2.23	126	2.21	1.07	127	3.05	0.73
		L	5	1.830	92	85.9	22.9	93	1.23	1.54	94	2.11	1.20	93	3.14	0.70
(S-1, 35.4B)			t_U = .27		t = .02			t = .74			t = .68			t = .97		
Number of Committee Memberships	V	H	3	0.472	75	91.6	18.2	78	0.81	1.67	78	2.91	1.01	79	3.30	0.63
		L	11	0.000	229	83.9	24.0	232	1.86	2.87	232	2.41	1.15	235	3.03	0.76
			t_U = .12		t = 2.59**			t = 3.05**			t = 3.37**			t = 2.78**		
	C	H	5	1.550	94	89.7	17.9	97	1.01	1.09	95	2.21	1.22	94	3.09	0.74
		L	7	0.000	145	82.5	24.1	139	1.65	2.36	144	2.13	1.04	145	3.08	0.73
(S-1, 35.5B)			t_U = 2.23*		t = 2.48*			t = 2.46*			t = .53			t = .11		
Help Given to School's Vocational Education Program	V	H	7	1.083	154	89.2	19.7	155	1.27	2.26	157	2.69	1.12	159	3.15	0.74
		L	7	0.105	150	82.0	25.4	155	1.91	2.98	153	2.38	1.13	155	3.05	0.74
			t_U = .48		t = 2.77**			t = 2.11*			t = 2.38*			t = 1.22		
	C	H	6	1.014	114	88.4	19.7	115	1.06	1.22	116	2.17	1.15	115	3.10	0.76
		L	7	0.001	139	82.1	24.7	136	1.70	2.46	136	2.22	1.09	138	3.09	0.71
(S-1, 35.6B)			t_U = .84		t = 2.21*			t = 2.52*			t = .37			t = .10		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 27. Involvement of School Personnel in Community Organizations: Other Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
OTHER ORGANIZATIONS Contact Due to Membership	V	H	8	0.506	210	87.7	20.1	210	1.18	2.02	211	2.62	1.12	214	3.18	0.71
		L	8	0.025	142	81.6	26.7	147	2.18	3.09	145	2.29	1.16	147	2.94	0.78
			$\underline{t}_U$ = 1.34		$\underline{t}$ = 2.45*			$\underline{t}$ = 3.66**			$\underline{t}$ = 2.68**			$\underline{t}$ = 3.10**		
	C	H	7	0.646	130	82.6	25.2	125	1.67	2.45	126	2.18	1.12	128	3.07	0.75
		L	6	0.141	123	87.4	19.6	126	1.14	1.41	126	2.21	1.12	125	3.13	0.72
(S-1, 35.1C)			$\underline{t}_U$ = 1.02		$\underline{t}$ = 1.69			$\underline{t}$ = -2.09*			$\underline{t}$ = .21			$\underline{t}$ = .61		
Contact As a School Representative	V	H	4	12.354	93	86.8	21.6	94	1.39	2.26	92	2.61	1.08	93	3.17	0.64
		L	5	1.733	141	85.8	22.6	138	1.29	2.28	142	2.46	1.16	145	3.12	0.77
			$\underline{t}_U$ = .11		$\underline{t}$ = .31			$\underline{t}$ = .34			$\underline{t}$ = 1.00			$\underline{t}$ = .57		
	C	H	5	11.800	98	84.1	23.8	92	1.63	2.52	94	2.11	1.14	95	3.03	0.71
		L	5	2.700	85	82.7	24.3	86	1.47	1.97	87	2.09	1.07	88	3.04	0.70
(S-1, 35.2C)			$\underline{t}_U$ = .24		$\underline{t}$ = .40			$\underline{t}$ = .46			$\underline{t}$ = .11			$\underline{t}$ = .09		
Number of Talks Given to Members	V	H	4	2.188	93	86.8	21.6	94	1.39	2.26	92	2.61	1.08	93	3.17	0.64
		L	4	0.250	107	87.3	21.8	106	1.20	2.38	110	2.68	1.12	112	3.19	0.72
			$\underline{t}_U$ = .45		$\underline{t}$ = .17			$\underline{t}$ = .58			$\underline{t}$ = .46			$\underline{t}$ = .21		
	C	H	5	2.500	88	82.9	24.5	88	1.55	2.21	87	2.47	1.12	87	3.20	0.76
		L	6	0.578	128	84.9	23.3	126	1.43	2.07	127	1.99	1.09	128	3.00	0.70
(S-1, 35.3C)			$\underline{t}_U$ = 1.59		$\underline{t}$ = .63			$\underline{t}$ = .42			$\underline{t}$ = 3.13**			$\underline{t}$ = 1.91		
Number of Meetings Attended	V	H	4	12.958	103	88.1	21.2	107	1.03	2.32	106	2.83	1.03	107	3.26	0.66
		L	4	2.917	97	85.9	22.2	93	1.58	2.30	96	2.45	1.15	98	3.11	0.70
			$\underline{t}_U$ = .45		$\underline{t}$ = .70			$\underline{t}$ = 1.66			$\underline{t}$ = 2.47*			$\underline{t}$ = 1.59		
	C	H	5	16.533	69	84.2	19.9	65	1.49	2.19	71	2.16	1.12	71	3.01	0.67
		L	5	3.420	114	83.0	26.2	113	1.58	2.32	110	2.06	1.09	112	3.05	0.73
(S-1, 35.4C)			$\underline{t}_U$ = .93		$\underline{t}$ = .32			$\underline{t}$ = .25			$\underline{t}$ = .62			$\underline{t}$ = .33		
Number of Committee Memberships	V	H	4	1.021	122	90.4	18.0	124	.84	1.86	126	2.95	1.03	128	3.35	0.62
		L	4	0.083	78	81.8	25.6	76	2.03	2.78	76	2.14	1.04	77	2.90	0.70
			$\underline{t}_U$ = .84		$\underline{t}$ = 2.79**			$\underline{t}$ = 3.62**			$\underline{t}$ = 5.38**			$\underline{t}$ = 4.79**		
	C	H	5	2.287	94	86.4	22.2	89	1.24	1.99	92	2.12	1.18	93	2.99	0.68
		L	5	0.100	89	80.3	25.4	89	1.86	2.48	89	2.08	1.03	90	3.08	0.73
(S-1, 35.5C)			$\underline{t}_U$ = .29		$\underline{t}$ = 1.70			$\underline{t}$ = 1.82			$\underline{t}$ = .25			$\underline{t}$ = .89		
Help Given to School's Vocational Education Program	V	H	5	0.820	111	88.0	20.2	110	1.27	2.12	110	2.66	1.07	111	3.15	0.67
		L	4	0.000	109	82.6	25.9	110	1.70	3.00	111	2.51	1.15	113	3.08	0.79
			$\underline{t}_U$ = .97		$\underline{t}$ = 1.72			$\underline{t}$ = 1.23			$\underline{t}$ = .99			$\underline{t}$ = .73		
	C	H	6	1.556	119	84.0	23.5	114	1.62	2.39	117	2.08	1.09	118	3.06	0.74
		L	5	0.667	97	84.2	24.2	100	1.32	1.77	97	2.31	1.17	97	3.11	0.73
(S-1, 35.6C)			$\underline{t}_U$ = .58		$\underline{t}$ = .06			$\underline{t}$ = 1.02			$\underline{t}$ = 1.49			$\underline{t}$ = .46		

* significant at the .05 level of confidence

** significant at the .01 level of confidence

Table 28. Ways Schools Say Community Organizations Have Helped

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Job Placement (Students/Graduates)	V	H	8	1.250	176	88.1	20.9	181	1.13	2.08	179	2.73	1.06	182	3.22	0.65
		L	7	0.571	164	82.1	25.1	163	1.96	2.90	164	2.23	1.19	166	2.92	0.82
			t_U = .07		t = 2.40*			t = 2.84**			t = 4.04**			t = 3.72**		
	C	H	7	2.000	149	84.1	24.0	146	1.53	2.20	146	2.22	1.15	146	3.11	0.77
		L	5	1.000	89	85.3	22.1	91	1.30	1.81	91	2.17	1.06	92	3.14	0.68
(S-1, 34.1)			t_U = .63		t = .37			t = .85			t = .37			t = .35		
Aid in Securing Equipment and Supplies	V	H	8	1.250	154	85.4	21.8	154	1.55	1.97	152	2.31	1.12	155	3.03	0.72
		L	6	0.000	166	87.1	22.6	170	1.34	2.65	172	2.71	1.15	174	3.19	0.74
			t_U = 2.00		t = .66			t = .82			t = -3.11**			t = -2.00*		
	C	H	8	1.375	158	85.6	21.7	151	1.42	2.14	155	2.11	1.09	156	3.05	0.74
		L	4	0.000	81	84.7	23.1	85	1.32	1.62	84	2.24	1.17	83	3.15	0.71
(S-1, 34.2)			t_U = .50		t = .30			t = .35			t = .82			t = 1.03		
Improving Image of the School	V	H	6	2.000	122	82.8	25.0	120	1.77	2.48	121	2.05	1.07	125	3.01	0.74
		L	10	0.900	230	86.5	22.1	237	1.51	2.61	235	2.70	1.12	236	3.12	0.75
			t_U = .53		t = 1.42			t = .92			t = -5.26**			t = 1.29		
	C	H	9	2.000	186	85.2	22.6	183	1.42	2.03	184	2.23	1.13	184	3.13	0.76
		L	4	1.000	67	84.0	23.5	68	1.37	1.98	68	2.10	1.09	69	3.02	0.64
(S-1, 34.3)			t_U = .57		t = .38			t = .17			t = .80			t = .98		
Aid in Teacher Recruitment	V	H	5	1.200	93	80.9	26.3	93	1.97	2.62	91	2.29	1.15	93	3.02	0.65
		L	8	0.000	193	89.8	18.7	199	1.17	2.25	201	2.77	1.10	203	3.20	0.72
			t_U = 2.20*		t = -3.26**			t = -2.67**			t = -3.38**			t = -2.00*		
	C	H	6	1.333	133	83.3	24.3	130	1.62	2.41	128	2.28	1.04	130	3.10	0.78
		L	6	0.000	108	86.8	20.8	111	1.23	1.49	111	2.09	1.21	110	3.09	0.69
(S-1, 34.4)			t_U = .04		t = 1.17			t = 1.49			t = 1.25			t = .08		
Participation in School "Public" Programs	V	H	7	1.428	144	83.7	24.9	149	1.57	2.48	146	2.47	1.13	150	3.15	0.66
		L	7	0.286	154	89.8	18.2	156	1.38	2.42	159	2.72	1.12	159	3.14	0.74
(S-1, 34.6)			t_U = .46		t = -2.42*			t = .66			t = -1.96*			t = .12		
Referral of Adult Education Students	V	H	6	1.833	106	79.3	27.6	107	2.14	3.06	105	2.11	1.05	107	2.85	0.74
		L	7	0.571	182	89.1	20.0	187	1.16	2.24	188	2.89	1.09	190	3.27	0.69
(S-1, 34.7)			t_U = 1.01		t = -3.44**			t = -3.13**			t = -5.91**			t = -4.81**		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 28. Ways Schools Say Community Organizations Have Helped (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Procurement of Books and Periodicals	V	H	8	1.000	184	88.1	19.8	191	1.23	2.11	189	2.66	1.10	192	3.22	0.65
		L	6	0.000	136	83.8	24.9	133	1.74	2.64	135	2.34	1.20	137	2.97	0.81
			$\underline{t}_U$ = .59		$\underline{t}$ = 1.72			$\underline{t}$ = 1.95			$\underline{t}$ = 2.48*			$\underline{t}$ = 3.06**		
	C	H	6	1.167	131	85.5	22.4	129	1.53	2.29	128	2.07	1.08	129	3.04	0.75
		L	5	0.000	96	85.0	21.9	97	1.28	1.53	98	2.26	1.18	97	3.14	0.72
(S-1, 34.8)			$\underline{t}_U$ = .17		$\underline{t}$ = .18			$\underline{t}$ = .95			$\underline{t}$ = 1.21			$\underline{t}$ = .98		
Representation on Advisory Committees	V	H	6	2.000	157	87.3	20.8	161	1.29	2.06	160	2.88	1.08	162	3.26	0.65
		L	7	0.857	134	83.4	25.1	134	1.94	3.16	135	2.23	1.13	136	2.90	0.80
			$\underline{t}_U$ = .06		$\underline{t}$ = 1.42			$\underline{t}$ = 2.10*			$\underline{t}$ = 5.07**			$\underline{t}$ = 4.20**		
	C	H	6	1.833	117	86.3	23.4	115	1.25	2.03	114	2.22	1.13	116	3.06	0.71
		L	7	0.571	136	83.8	22.2	136	1.53	1.99	138	2.18	1.11	137	3.13	0.75
(S-1, 34.9)			$\underline{t}_U$ = .84		$\underline{t}$ = .87			$\underline{t}$ = 1.09			$\underline{t}$ = .27			$\underline{t}$ = .72		
Total Amount of Help for All Ways	V	H	8	11.000	162	84.2	23.9	167	1.63	2.46	164	2.41	1.13	168	3.12	0.67
		L	8	4.750	190	86.1	22.6	190	1.56	2.66	192	2.59	1.16	193	3.05	0.81
			$\underline{t}_U$ = .27		$\underline{t}$ = .77			$\underline{t}$ = .27			$\underline{t}$ = 1.14			$\underline{t}$ = .37		
	C	H	7	11.857	143	85.1	22.5	137	1.49	2.22	140	2.12	1.08	141	3.08	0.75
		L	6	6.000	110	84.6	23.2	114	1.31	1.72	112	2.29	1.16	112	3.12	0.71
(S-1, 34F)			$\underline{t}_U$ = .42		$\underline{t}$ = .16			$\underline{t}$ = .70			$\underline{t}$ = 1.23			$\underline{t}$ = .34		
Variety of Ways Used	V	H	8	8.000	162	84.2	23.9	167	1.63	2.46	164	2.41	1.13	168	3.12	0.67
		L	9	4.000	190	86.1	22.6	190	1.56	2.66	192	2.59	1.16	193	3.05	0.81
			$\underline{t}_U$ = .27		$\underline{t}$ = .77			$\underline{t}$ = .27			$\underline{t}$ = 1.14			$\underline{t}$ = .2[illegible]		
	C	H	7	8.143	143	85.1	22.5	137	1.49	2.22	140	2.12	1.08	141	3.08	0.75
		L	6	4.667	110	84.6	23.2	114	1.31	1.72	112	2.29	1.16	112	3.12	0.71
(S-1, 34V)			$\underline{t}_U$ = .42		$\underline{t}$ = .16			$\underline{t}$ = .70			$\underline{t}$ = 1.23			$\underline{t}$ = .34		
Total Number of Ways Not Used	V	H	5	3.400	99	81.7	25.3	100	2.09	2.75	98	1.98	.98	100	2.87	0.81
		L	11	0.000	253	86.6	22.2	257	1.40	2.46	258	2.67	1.15	261	3.16	0.71
			$\underline{t}_U$ = .01		$\underline{t}$ = 1.81			$\underline{t}$ = -2.29*			$\underline{t}$ = -5.33**			$\underline{t}$ = -3.36**		
	C	H	4	1.750	51	83.8	23.4	49	1.16	1.71	52	2.39	1.15	53	3.05	0.67
		L	9	0.000	202	85.2	22.6	202	1.47	2.08	200	2.14	1.11	200	3.11	0.75
(S-1, 34NA)			$\underline{t}_U$ = .05		$\underline{t}$ = .38			$\underline{t}$ = .96			$\underline{t}$ = 1.42			$\underline{t}$ = .59		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 29. Reasons for School-Initiated Contacts with Community Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Explain Vocational Program	V	H	8	1.573	183	87.9	20.4	187	1.39	2.17	186	2.70	1.09	188	3.19	0.66
		L	8	0.178	169	82.3	25.6	170	1.82	2.93	170	2.24	1.16	173	2.96	0.82
			t_U =	.37	t = 2.28*			t = 1.59			t = 3.87**			t = 2.87**		
	C	H	7	1.428	104	85.9	21.2	103	1.40	2.08	105	2.14	1.13	106	3.10	0.70
		L	6	0.494	149	84.2	23.9	148	1.41	1.96	147	2.24	1.11	147	3.10	0.76
(S-1, 37.1)			t_U =	1.37	t = .57			t = .04			t = .68			t = .01		
To Improve Community Support	V	H	8	1.147	177	87.3	20.6	181	1.42	2.24	181	2.66	1.08	184	3.18	0.68
		L	8	0.198	175	83.1	25.4	176	1.78	2.85	175	2.30	1.18	177	2.98	0.80
			t_U =	.99	t = 1.69			t = 1.32			t = 2.98**			t = 2.61**		
	C	H	6	1.794	116	85.8	21.7	118	1.44	1.91	116	2.17	1.16	115	3.13	0.78
		L	7	0.482	137	84.2	23.7	133	1.37	2.10	136	2.22	1.08	138	3.07	0.69
(S-1, 37.2)			t_U =	1.11	t = .57			t = .29			t = .35			t = .56		
To Solicit Equipment Funds	V	H	5	0.529	95	86.9	21.1	95	1.43	1.94	94	2.52	1.06	96	3.11	0.66
		L	11	0.000	257	84.6	23.9	262	1.65	2.76	262	2.47	1.18	265	3.07	0.78
			t_U =	.98	t = .81			t = .74			t = .33			t = .48		
	C	H	3	0.300	88	85.3	23.2	85	1.58	2.58	82	2.20	1.02	83	3.00	0.75
		L	10	0.000	165	84.7	22.6	166	1.31	1.64	170	2.19	1.16	170	3.15	0.72
(S-1, 37.3)			t_U =	.27	t = .18			t = .99			t = .07			t = 1.57		
To Seek Help in Placement	V	H	8	0.908	174	88.1	20.7	179	1.25	2.24	178	2.66	1.06	181	3.22	0.65
		L	8	0.000	178	82.4	25.1	178	1.94	2.81	178	2.30	1.20	180	2.94	0.81
			t_U =	.34	t = 2.29*			t = 2.53*			t = 3.00**			t = 3.55**		
	C	H	6	1.575	111	84.8	23.0	115	1.38	1.64	115	2.09	1.18	114	3.14	0.73
		L	7	0.302	142	85.0	22.6	136	1.42	2.29	137	2.29	1.06	139	3.06	0.73
(S-1, 37.4)			t_U =	.14	t = .07			t = .16			t = 1.39			t = .82		
To Secure Advisory Services	V	H	7	0.781	158	86.4	20.8	164	1.47	2.24	162	2.58	1.13	165	3.16	0.68
		L	9	0.000	194	84.3	25.0	193	1.70	2.81	194	2.40	1.15	196	3.01	0.80
			t_U =	1.65	t = .24			t = .83			t = 1.41			t = 1.88		
	C	H	6	1.431	109	87.2	21.2	111	1.14	1.30	112	2.20	1.16	111	3.15	0.76
		L	7	0.387	144	83.2	23.8	140	1.62	2.41	140	2.19	1.08	142	3.06	0.71
(S-1, 37.5)			t_U =	1.26	t = 1.41			t = 1.88			t = .07			t = .93		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 29. Reasons for School-Initiated Contacts with Community Organizations (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Other than Above	V	H	3	0.437	67	87.7	22.0	68	1.13	2.31	67	2.79	1.02	67	3.16	0.67
		L	13	0.000	285	84.6	23.4	289	1.70	2.61	289	2.41	1.16	294	3.06	0.76
			t_U =	1.31	t = .98			t = 1.66			t = 2.42*			t = 1.00		
	C	H	4	0.342	106	85.8	23.8	103	1.27	2.11	103	2.11	1.02	104	3.00	0.69
		L	9	0.000	147	84.3	22.0	148	1.50	1.94	149	2.26	1.18	149	3.17	0.76
(S-1, 37.6)			t_U =	.66	t = .51			t = .92			t = 1.02			t = 1.77		
Frequency of All Reasons for Contact	V	H	8	4.115	172	87.8	20.7	174	1.40	2.23	174	2.66	1.08	176	3.15	0.68
		L	8	0.499	180	82.8	25.2	183	1.78	2.84	182	2.31	1.18	185	3.01	0.80
			t_U =	.14	t = 2.04*			t = 1.39			t = 2.94**			t = 1.79		
	C	H	7	4.786	124	86.4	22.0	130	1.26	1.55	127	2.26	1.17	127	3.17	0.76
		L	6	1.991	129	83.5	23.5	121	1.56	2.40	125	2.13	1.06	126	3.03	0.70
(S-1, 37F)			t_U =	2.64*	t = .99			t = 1.21			t = .95			t = 1.53		
Variety of Reasons Used for Contact	V	H	8	2.323	172	87.8	20.7	174	1.40	2.23	174	2.66	1.08	176	3.15	0.68
		L	8	0.367	180	82.8	25.2	183	1.78	2.84	182	2.31	1.18	185	3.01	0.80
			t_U =	.14	t = 2.04*			t = 1.39			t = 2.94**			t = 1.79		
	C	H	6	3.052	122	86.2	22.2	122	1.34	1.93	122	2.11	1.12	123	3.05	0.73
		L	7	1.348	131	83.8	23.3	129	1.47	2.09	130	2.28	1.12	130	3.15	0.73
(S-1, 37V)			t_U =	.50	t = .82			t = .53			t = 1.20			t = 1.04		
Number of Reasons Not Used for Contact	V	H	8	5.282	160	84.3	24.0	165	1.62	2.68	163	2.35	1.15	166	3.02	0.81
		L	8	1.449	192	86.0	22.5	192	1.57	2.46	193	2.59	1.13	195	3.14	0.69
			t_U =	.27	t = .69			t = .16			t = 1.98*			t = 1.49		
	C	H	6	5.150	142	85.8	22.0	138	1.46	2.28	136	2.18	1.12	138	3.06	0.73
		L	7	3.002	111	83.8	23.7	113	1.34	1.63	116	2.21	1.12	115	3.14	0.73
(S-1, 37NA)			t_U =	.39	t = .71			t = .47			t = .17			t = .87		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 30. Number of Contacts with Community Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Number of Contacts	V	H	8	0.784	184	85.7	23.4	191	1.48	2.67	189	2.68	1.08	191	3.14	0.74
		L	8	0.174	168	84.7	23.0	166	1.72	2.43	167	2.25	1.18	170	3.02	0.76
			t_U = 1.19		t = .42			t = .86			t = 3.59**			t = 1.48		
	C	H	7	1.224	145	84.3	23.6	142	1.58	2.33	140	2.18	1.09	142	3.10	0.76
		L	6	0.396	108	85.7	21.7	109	1.18	1.48	112	2.22	1.15	111	3.10	0.69
(S-1, 36)			t_U = .10		t = .47			t = 1.56			t = .29			t = .06		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 31. Programs to Which Public Was Invited During 1964-65 School Year

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Variety of Activities	V	H	8	3.250	167	87.8	20.9	173	1.23	2.27	172	2.66	1.08	175	3.22	0.65
		L	8	1.125	185	82.9	24.9	184	1.93	2.77	184	2.32	1.19	186	2.95	0.81
			t_U = .29		t = 1.96*			t = 2.60**			t = 2.84**			t = 3.51**		
	C	H	7	3.571	125	85.8	21.6	127	1.42	1.95	124	2.30	1.18	124	3.20	0.75
		L	6	1.500	128	84.0	23.9	124	1.39	2.08	128	2.10	1.05	129	3.01	0.70
(S-1, 38V)			t_U = 2.47*		t = .62			t = .11			t = 1.40			t = 2.07*		
Total Attendance for All Activities	V	H	7	3709.286	141	86.9	21.3	151	1.45	2.49	147	2.50	1.09	149	3.17	0.66
		L	7	750.000	165	84.8	23.8	160	1.65	2.55	164	2.66	1.15	166	3.06	0.77
			t_U = 1.75		t = .80			t = .69			t = 1.21			t = 1.44		
	C	H	6	2999.000	133	83.7	24.4	136	1.53	2.14	131	2.22	1.07	131	3.12	0.77
		L	7	454.857	120	86.2	20.9	115	1.26	1.85	121	2.17	1.17	122	3.08	0.69
(S-1, 38F)			t_U = .30		t = .86			t = 1.07			t = .41			t = .48		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 32. School Utilization of Mass Media

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
NEWSPAPERS	V	H	8	48.500	145	85.4	24.7	149	1.63	2.72	148	2.43	1.14	151	3.11	0.70
Number of Articles or News Items		L	8	7.750	207	85.1	22.1	208	1.57	2.45	208	2.52	1.15	210	3.06	0.78
			t_U = .34		t = .14			t = .23			t = .78			t = .70		
	C	H	5	36.000	78	87.2	18.4	78	1.45	2.07	79	2.00	1.14	79	3.06	0.70
(S-1, 39.1)		L	5	4.000	83	83.2	22.7	79	1.35	1.71	86	2.04	1.05	86	3.07	0.71
			t_U = 2.27		t = 1.22			t = .32			t = .26			t = .09		
RADIO Use of Medium	C	H	9	1.000	165	85.6	21.7	162	1.44	2.17	162	2.20	1.13	164	3.07	0.72
(S-1, 40)		L	3	0.000	70	85.2	24.0	71	1.22	1.61	71	2.23	1.12	70	3.16	0.72
			t_U = .52		t = .13			t = .77			t = .22			t = .87		
Number of Broadcasts	V	H	8	21.750	192	86.7	23.2	196	1.36	2.43	197	2.69	1.11	201	3.21	0.68
		L	7	3.571	126	84.1	22.7	129	1.95	2.85	127	2.36	1.14	127	2.93	0.77
			t_U = 1.19		t = .97			t = 1.98*			t = 2.63**			t = 3.48**		
	C	H	3	8.667	56	85.7	18.8	54	1.58	2.31	55	2.18	1.03	55	3.14	0.76
(S-1, 40.1)		L	3	2.667	38	86.7	16.7	38	1.11	1.21	41	2.20	1.21	41	2.98	0.63
			t_U = .39		t = .24			t = 1.14			t = .06			t = 1.04		
Total Broadcast Time	V	H	6	291.667	153	86.7	22.2	154	1.19	1.91	152	2.57	1.12	155	3.18	0.70
		L	6	70.667	118	85.3	23.4	122	1.73	2.91	121	2.54	1.14	122	3.04	0.81
			t_U = 1.13		t = .50			t = 1.82			t = .25			t = 1.59		
	C	H	3	283.333	56	85.7	18.8	54	1.58	2.31	55	2.18	1.03	55	3.14	0.76
(S-1, 40.2)		L	3	30.333	38	86.7	16.7	38	1.11	1.21	41	2.20	1.21	41	2.98	0.63
			t_U = .39		t = .24			t = 1.14			t = .06			t = 1.04		
TELEVISION	V	H	8	1.000	177	81.4	24.8	174	2.04	2.78	174	2.15	1.12	176	2.87	0.79
Use of Medium		L	7	0.000	163	89.6	19.8	169	1.06	2.00	169	2.86	1.04	172	3.31	0.61
			t_U = .77		t = -3.33**			t = -3.70**			t = -6.07**			t = -5.83**		
	C	H	7	1.000	139	85.6	22.7	136	1.46	2.30	133	2.17	1.13	135	3.01	0.72
(S-1, 41)		L	5	0.000	96	85.3	21.9	97	1.24	1.52	100	2.25	1.12	99	3.22	0.70
			t_U = .11		t = .09			t = .82			t = .54			t = -2.16*		
Number of Telecasts	V	H	3	26.000	76	81.8	26.0	70	1.69	2.55	73	1.97	1.06	75	2.88	0.82
		L	4	2.500	90	80.7	25.1	92	2.26	2.93	89	2.39	1.14	89	2.88	0.78
(S-1, 41.1)			t_U = 1.40		t = .28			t = 1.27			t = -2.41*			t = .01		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 33. Other than Day Vocational Services Offered by School (1958-1965)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Adult Extension Classes	V	H	8	17.000	158	85.1	23.5	158	1.66	2.72	158	2.36	1.14	160	3.04	0.72
		L	8	8.500	194	85.4	23.0	199	1.54	2.44	198	2.58	1.14	201	3.11	0.77
			$\underline{t}_U$ = .82		$\underline{t}$ = .11			$\underline{t}$ = .41			$\underline{t}$ = 1.73			$\underline{t}$ = .86		
	C	H	6	13.833	141	84.4	24.5	140	1.39	2.13	137	2.16	1.05	139	3.00	0.73
		L	6	4.167	100	85.4	20.3	101	1.51	1.92	102	2.24	1.22	101	3.22	0.74
(S-1, 42.1)			$\underline{t}_U$ = 1.05		$\underline{t}$ = .32			$\underline{t}$ = .45			$\underline{t}$ = .55			$\underline{t}$ =-2.30*		
Apprentice Training Programs	V	H	8	10.000	183	83.8	23.0	178	1.74	2.39	180	2.27	1.15	183	2.99	0.75
		L	8	3.250	169	86.8	23.4	179	1.45	2.72	176	2.70	1.10	178	3.18	0.73
			$\underline{t}_U$ = 1.34		$\underline{t}$ = 1.18			$\underline{t}$ = 1.05			$\underline{t}$ = -3.59**			$\underline{t}$ =-2.45*		
	C	H	6	8.833	133	83.7	24.4	136	1.53	2.14	131	2.22	1.07	131	3.12	0.77
		L	6	0.333	108	86.2	20.8	105	1.32	1.92	108	2.15	1.19	109	3.07	0.69
(S-1, 43.1)			$\underline{t}_U$ = .20		$\underline{t}$ = .83			$\underline{t}$ = .77			$\underline{t}$ = .47			$\underline{t}$ = .53		
MDTA Course	V	H	8	5.875	193	87.3	21.9	199	1.20	2.27	197	2.60	1.12	200	3.18	0.74
		L	8	2.500	159	82.7	24.5	158	2.09	2.82	159	2.34	1.16	161	2.96	0.75
			$\underline{t}_U$ = .11		$\underline{t}$ = 1.84			$\underline{t}$ = 3.33**			$\underline{t}$ = 2.08*			$\underline{t}$ = 2.68**		
	C	H	5	3.000	105	84.4	24.0	101	1.64	2.57	98	2.16	1.14	100	3.01	0.72
		L	8	0.000	148	85.3	22.0	150	1.25	1.51	154	2.22	1.10	153	3.16	0.73
(S-1, 44.1)			$\underline{t}_U$ = .62		$\underline{t}$ = .28			$\underline{t}$ = 1.52			$\underline{t}$ = .42			$\underline{t}$ = 1.55		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 34. Use of Advisory Committees for Other than Day Vocational Services

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Adult Extension Classes	V	H	8	14.375	177	85.9	22.8	179	1.55	2.65	180	2.57	1.17	181	3.08	0.74
		L	8	4.500	175	84.5	23.6	178	1.64	2.48	176	2.39	1.12	180	3.08	0.76
			$\underline{t}_U$ = .09		$\underline{t}$ = .57			$\underline{t}$ = .34			$\underline{t}$ = 1.43			$\underline{t}$ = .07		
	C	H	3	7.000	51	77.9	26.7	50	2.18	2.78	49	2.26	1.02	50	3.12	0.82
		L	7	0.000	155	88.1	19.9	156	1.18	1.68	154	2.24	1.15	154	3.12	0.74
(S-1, 42.2)			$\underline{t}_U$ = 1.17		$\underline{t}$ = -2.89**			$\underline{t}$ =-3.06**			$\underline{t}$ = .12			$\underline{t}$ = .03		
Apprentice Training Programs	V	H	7	6.856	148	82.4	25.1	145	1.90	2.91	147	2.15	1.15	149	2.89	0.83
		L	7	1.428	178	87.5	21.1	184	1.27	2.22	182	2.72	1.09	185	3.22	0.67
			$\underline{t}_U$ = 1.47		$\underline{t}$ = -1.98*			$\underline{t}$ =-2.20*			$\underline{t}$ = -4.53**			$\underline{t}$ =-3.95**		
	C	H	3	9.333	51	77.9	26.7	50	2.18	2.78	49	2.26	1.02	50	3.12	0.82
		L	3	2.000	61	88.5	18.4	64	1.07	1.13	63	2.40	1.18	62	3.15	0.75
(S-1, 43.2)			$\underline{t}_U$ = 1.18		$\underline{t}$ = -2.45*			$\underline{t}$ =-2.88**			$\underline{t}$ = .64			$\underline{t}$ = .23		
MDTA Course	V	H	7	4.857	175	88.7	20.6	179	1.07	2.16	180	2.63	1.13	183	3.19	0.75
		L	7	1.000	154	81.4	26.0	153	2.07	2.80	151	2.41	1.15	153	2.97	0.75
			$\underline{t}_U$ = .65		$\underline{t}$ = 2.85**			$\underline{t}$ = 3.65**			$\underline{t}$ = 1.71			$\underline{t}$ = 2.68**		
		H														
		L														
(S-1, 44.2)			$\underline{t}_U$ =		$\underline{t}$ =			$\underline{t}$ =			$\underline{t}$ =			$\underline{t}$ =		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

SCORING KEY

Data Form S-1: The School

ITEM	CODE	IDENTIFICATION	
1		Personnel who have assigned responsibility for helping graduates find full-time employment	
1.1		Principal	
	0	No (no responsibility)	
	1	Yes (has responsibility)	
1.2		Vocational Director	Same scoring as 1.1
1.3		Assistant Principal	
1.4		Assistant Vocational Director	
1.5		Guidance Counselor	
1.6		Placement Head	
1.7		Shop Instructors	
1V	R	Number of personnel having responsibility	
2		Person who has direct responsibility for coordinating and/or controlling placement activities?	
	0	No	
	1	Yes	
		Person responsible	
2.1		Principal	
	0	No (no responsibility)	
	1	Yes (has responsibility)	
2.2		Vocational Director	Same scoring as 2.1
2.3		Assistant Principal	
2.4		Assistant Vocational Director	
2.5		Guidance Counselor	
2.6		Placement Head	
2.7		Trade and Industrial Instructors	
3		Number of employers contacted during 1964	
	0	None	
	1	1-12	
	2	13-24	
	3	25-48	
	4	More than 48	

Form: S-1 (cont.)

TEM	CODE	IDENTIFICATION
		Written or unwritten policy to assist with placement
	0	No
	1	Yes
A		Agreement with the policy
	4	Strongly agree
	3	Agree
	2	Disagree
	1	Strongly disagree
B		Description of placement responsibility
	1	Left entirely up to me
	2	Specific placement activities assigned
C		Required to report activities
	0	No
	1	Yes (verbally)
	2	Yes (in writing)
D.1		School time allotted to placement
	0	No
	1	Yes
D.2		Average hours per week that is allotted
	R	Record the number
E	R	Number of vocational graduates placed
	R	Principal method of contacting employers
.1		Personal visit to employers
	0	No
	1	Yes
.2		Telephone contact
	0	No
	1	Yes

ata Form : S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
5.3		Letter contact	
	0	No	
	1	Yes	
5.4		Other	
	0	No	
	1	Yes	
6		Frequency of placement activities engaged in	
6.1		Contact employers to place specific individuals	
	0	None	
	1	1-12	
	2	13-24	
	3	25-48	
	4	More than 48	
6.2		Send notices to potential employers	Same scoring as 6.1
6.3		Send graduates to employment security office	
6.4		Advise graduates of employers to contact	
6.5		Inform general or craft advisory committee	
6.6		Keep record of employer request	
6.7		Make personal trip to employers	
6.8		Contact employment security office	
6.9		Inform private employment agencies	
6.10		Contact local apprenticeship committees	
6.11		Contact local labor unions	
6.12		Remind employers of needs during school year	
6.13		Send questionnaires to employers	
6.14		Use announcements in newspapers	
6.15		Arrange for employers to interview at school	
6.16		Review newspaper want-ads	
6.17		Use radio and/or television announcements	
6.18		Contact employers during school year	
6.19		Instruct students on how to apply for jobs	
6.20		Other	
6F	R	Record the total frequency (sum) for items 6.1-6.20	
6V	R	Record the variety of placement activities used (6.1-6.20)	

a Form : S-1 (cont.)

TEM	CODE	IDENTIFICATION
NA	R	Record the number of times NA was used (6.1-6.20)
		Listing of employers who were contacted for placement purposes
	R	Record the number listed
		Presence of a policy to maintain close employer relationship
	0	No
	1	Yes
		Require T. & I. instructors to visit employers
	0	No
	1	Yes
.1		Policy for a specified number of visits
	0	No
	1	Yes
.1N	R	Record the number of visits per month
0		An organized program to maintain close employer relationships
	0	No
	1	Yes
1		Requiring T. & I. instructors to visit employers
	0	No
	1	Yes
1A		Agreement with policy
	4	Strongly agree
	3	Agree
	2	Disagree
	1	Strongly disagree
2		Reasons why school personnel contact employers
2.1		To try to place graduates in a job
	0	None
	1	1-12
	2	13-25

ata Form : S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
	3	26-50	
	4	51-100	
	5	101-200	
	6	201-400	
	7	Above 400	
12.2		Place co-op students	Same scoring as 12.1
12.3		Check former students' progress	
12.4		Check co-op students' progress	
12.5		Discuss curriculum changes	
12.6		Arrange for "field trip"	
12.7		Ask for outside speaker	
12.8		Invite to school program	
12.9		Request materials or supplies	
12.10		Obtain shop equipment	
12.11		Invite to advisory committee	
12.12		Inquire about job openings	
12.13		Obtain adult course instructors	
12.14		Solicit financial assistance	
12.15		Solicit advisory services	
12.16		Discuss material problem	
12.17		Inform about new developments	
12.18		Obtain information for course	
12.19		Other	
12F	R	Record the total frequency (sum) for items 12.1-12.19	
12V	R	Record the variety of contacts used (12.1-12.19)	
12NA	R	Record the number of times NA was used (12.1-12.19)	
13	R	Record the number of employers contacted for reasons other than placement	
14		Ways for promoting effective school-employer relations	
14.1		General advisory committee meetings	
	0	None	
	1	1-12	
	2	13-25	
	3	26-50	

a Form : S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
	4	51-100	
	5	101-200	
	6	201-400	
	7	More than 400	
14.2		Craft advisory committee meetings	Same scoring as 14.1
14.3		Apprenticeship committee meetings	
14.4		Personal visits to employer locations	
14.5		Student "plant tours"	
14.6		Talks given to employer organizations	
14.7		Shop "open house"	
14.8		Phone contact	
14.9		"Printed matter" contact	
14.10		Mail contacts	
14.11		Other	
14F	R	Record the total frequency (sum) for items 14.1-14.11	
14V	R	Record the variety of means used (14.1-14.11)	
14NA	R	Record the number of times NA was used (14.1-14.11)	
15		Policy for maintaining close relations with labor	
	0	No	
	1	Yes	
16		Organized program for maintaining close labor relationships	
	0	No	
	1	Yes	
17		Ways for promoting effective school-labor relations	
17.1		Attendance at general advisory committee meetings	
	0	None	
	1	1-5	
	2	6-10	
	3	11-15	
	4	16-20	
	5	21-25	
	6	26-30	

Data Form: S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
	7	More than 30	
17.2		Attendance at craft advisory committee	Same scoring as 17.1
17.3		Attendance at apprenticeship committee	
17.4		Attendance at other meetings involving labor	
17.5		Personal visits to labor officials	
17.6		Personal visits from labor officials	
17.7		Speak at labor meetings	
17.8		Special school events	
17.9		Phone contacts	
17.10		"Printed matter" contacts	
17.11		Personal letter contacts	
17.12		Other	
17F	R	Record the total frequency (sum) for items 17.1-17.12	
17V	R	Record the variety of means used (17.1-17.12)	
17NA	R	Record the number of times NA was used (17.1-17.12)	
18		Reasons why school personnel contact labor	
18.1		Find jobs for graduates	
	0	None	
	1	1-6	
	2	7-12	
	3	13-24	
	4	25-48	
	5	More than 48	
18.2		Check former students' progress	Same scoring as 18.1
18.3		Discuss apprenticeship program	
18.4		Discuss curriculum change	
18.5		Ask for speaker	
18.6		Invite to school activity	
18.7		Discuss employment needs	

Form : S-1 (cont.)

TEM	CODE	IDENTIFICATION	
8.8		Obtain adult course instructor	Same scoring as 18.1
8.9		Solicit technical information	
8.10		Inform about new developments	
8.11		Invite to advisory committee	
8.12		Find jobs for students	
8.13		Other	
8F	R	Record the total frequency (sum) for items 18.1-18.13	
8V	R	Record the variety of contacts used (18.1-18.13)	
8NA	R	Record the number of times NA was used (18.1-18.13)	
9		List of labor unions on school committees	
	R	Record the number listed	
0		List of labor unions which students are likely to affiliate with	
0.1	0	No (not likely to affiliate with any unions)	
	1	Yes (likely to affiliate with unions)	
.2	R	Record the number of unions listed	
1		Labor organizations likely to represent a problem	
1.1	0	No (no problem unions)	
	1	Yes (problem unions)	
1.2	R	Record the number listed	
2	R	Record the number of labor unions listed	
3		Policy to maintain close relationships with local employment security office	
	0	No	
	1	Yes	
		Program for maintaining close relationships with local employment security office	
	0	No	
	1	Yes	
		Reasons why school personnel contact the local state employment security office	

Data Form : S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
25.1		Inquire about job opportunities	
	0	None	
	1	1-6	
	2	7-12	
	3	13-24	
	4	25-48	
	5	More than 48	
25.2		Try to place graduates	Same scoring as 25.1
25.3		Request school program speaker	
25.4		Invite representative to school program	
25.5		Arrange for aptitude testing	
25.6		Arrange for vocational counseling	
25.7		Obtain occupational information	
25.8		Other	
25F	R	Record the total frequency (sum) for items 25.1-25.8	
25V	R	Record the variety of reasons for contacting (25.1-25.8)	
25NA	R	Record the number of times NA was used (25.1-25.8)	
26	R	Record the number listed	
27		Reasons why state employment security personnel contact school personnel	
27.1		Request student references	
	0	None	
	1	1-6	
	2	7-12	
	3	13-24	
	4	25-48	
	5	More than 48	
27.2		Arrange for aptitude testing	Same scoring as 27.1
27.3		Make counseling arrangements	
27.4		Notify about job openings	
27.5		Other	
27F	R	Record the total frequency (sum) for items 27.1-27.5	
27V	R	Record the variety of reasons for contacting (27.1-27.5)	
27NA	R	Record the number of times NA was used (27.1-27.5)	

ta Form: S-1 (cont.)

ITEM	CODE	IDENTIFICATION
28A		Visit to the school by state employment security office
	0	No
	1	Yes
28B		Recentness of the visit
	4	Within last 6 months
	3	Between 6 months and a year ago
	2	Between a year and 2 years ago
	1	More than 2 years ago
29-30	R	Record percentage of graduates referred to state employment security office
31A		Practice of orienting students on the services of employment security office
	0	No (do not have orientation)
	1	Yes (have orientation)
31B		Type of orientation session
	1	Individual
	2	Group
	3	Both individual and group
32		Policy to maintain close relationships with community organizations
	0	No
	1	Yes
33		Program for maintaining close relationships
	0	No
	1	Yes
34		Ways in which community organizations help schools
34.1		Job placement
	0	No help
	1	Some help
	2	Much help

Data Form: S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
34.2		Aid in securing equipment and supplies	Same scoring as 34.1
34.3		Improving image of the school	
34.4		Aid in teacher recruitment	
34.5		Help with special school projects	
34.6		Participation in school "public" programs	
34.7		Referral of adult education students	
34.8		Procurement of books and periodicals	
34.9		Representation on advisory committees	
34.10		Other	
34.11		Other	
34F	R	Record the total frequency (sum) for items 34.1-34.11	
34V	R	Record the variety of ways used for helping students (34.1-34.11)	
34NA	R	Record the number of NA responses	
35A		Civic and service organizations: Chamber of Commerce, Junior Chamber of Commerce, Civic Association, Lions, Kiwanis, Optimists, and Rotary	
35.1A	R	Record the total number of contacts	
35.2A	R	Record the total number of contacts	
35.3A	R	Record the number of talks given	
35.4A	R	Record the number of meetings attended	
35.5A	R	Record the number of committee memberships	
35.6A	R	Record the number of "yes" responses	
35B		Social and Fraternal organizations: American Legion, American Veterans, Elks, Eagles, I.O.O.F., Knights of Columbus, Masons, Moose, and V.F.W.	
35.1B	R	Record the total number of memberships or contacts	
35.2B	R	Record the total number of contacts	
35.3B	R	Record the number of talks given	
35.4B	R	Record the number of meetings attended	
35.5B	R	Record the number of committee memberships	
35.6B	R	Record the number of "yes" responses	
35C		Other organizations: Boy Scouts, N.A.A.C.P., Y.M.C.A., and etc.	
35.1C	R	Record the total number of memberships or contacts	
35.2C	R	Record the total number of contacts	
35.3C	R	Record the number of talks given	
35.4C	R	Record the number of meetings attended	

ata Form : S-1 (cont.)

ITEM	CODE	IDENTIFICATION	
35.5C	R	Record the number of committee memberships	
35.6C	R	Record the number of "yes" responses	
36	R	Record the number of community organizations listed	
37		Reasons why school initiates contact with community organizations	
37.1		Explain vocational program	
	0	None	
	1	1-6	
	2	7-12	
	3	13-24	
	4	25-48	
	5	More than 48	
37.2		Improve community support	Same scoring as 37.1
37.3		Solicit equipment funds	
37.4		Seek help in placement	
37.5		Secure advisory services	
37.6		Other	
37.7		Other	
37F		Record the total frequency (sum) for items 37.1-37.7	
37V		Record the variety of reasons used (37.1-37.7)	
37NA		Record the number of NA responses	
38V	R	Record the variety of programs which public was invited	
38F	R	Record the total attendance	
39		Printing of news articles in local newspaper	
	0	No	
	1	Yes	
39.1	R	Record the number of articles	
39.3		A favorable picture given of the school by the newspaper	
	0	No	
	1	Yes	

Data Form: S-1 (cont.)

ITEM	CODE	IDENTIFICATION
39.4		Favorable opinion given of vocational education by newspaper
	0	No
	1	Yes
40		Broadcasting news about vocational program on radio
	0	No
	1	Yes
40.1	R	Record the number of broadcasts
40.2	R	Total broadcast time
40.3		Given a favorable picture by radio broadcasts
	0	No
	1	Yes
40.4		Favorable opinion given of vocational education by radio
	0	No
	1	Yes
41		Telecasting news about vocational education on television
	0	No
	1	Yes
41.1	R	Number of telecasts
41.2	R	Length of telecast
41.3		Given a favorable picture by television
	0	No
	1	Yes
41.4		Favorableness of television telecasts toward vocational education
	0	No
	1	Yes
42.1	R	Record the number of adult extension courses
42.2	R	Record the number of advisory committees being used
43.1	R	Record the number of courses which give related instructions
43.2	R	Record the number of apprenticeship committees used

ata Form: S-1 (cont.)

ITEM	CODE	IDENTIFICATION
44.1	R	Record the number of MDTA courses offered
44.2	R	Record the number of MDTA advisory committees

APPENDIX C

Community Organizations

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SCORING KEY (DATA FORM C-1: THE COMMUNITY ORGANIZATIONS) 10

BUDGET BUREAU
NUMBER: 44-6507
EXPIRES: 11/30/65

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study by
The American Institutes for Research

DATA FORM C-1

THE COMMUNITY ORGANIZATIONS

Conducted Under Contract With
The Office of Manpower, Automation and Training
United States Department of Labor

ATTENTION: Paragraph number two of the general instructions below is applicable only to representatives of community organizations who have received this questionnaire through the mail. It does not apply to persons who are being interviewed.

GENERAL INSTRUCTIONS

Dear Participant:

You have been selected to participate in a nationwide study concerned with school-community relations. The enclosed brochure describes the details of this important study.

Please complete the questionnaire and mail it to us in the postage-paid, pre-addressed envelope provided.

The term "school" or the expression "the school under study" used throughout this data form refers to the ____________ ______________________ school and its high school vocational trade and industrial offerings unless another type of offering is specified. Please answer only in terms of the school indicated above.

You can be assured that neither you nor your organization will be identified in any way with the answers you provide. Complete anonymity as to source will be maintained in any publication resulting from the study.

Thank you for your generous cooperation.

Your Name ______________________________
Official Title ______________________________
Organization ______________________________
Address ______________________________
Street City State Zip Code

Phone Number ______________________________

SECTION I

UT THE SCHOOL. The purpose of this section is to determine how well the ool has communicated information about itself to community organizations.

PLEASE DO NOT WRITE BELOW

Which of the following vocational trade and industrial courses are offered to high school level students by the school under study? (The title of a school course may vary slightly from a title listed below.) Please check all course titles that correspond to courses that the school offers. If you* have no knowledge of the vocational courses offered, check the space at the right.——→ ( ) (Please do not call the school.)

1. ( ) Automotive Mechanics
2. ( ) Auto Body Repair
3. ( ) Aircraft Mechanics
4. ( ) Air-conditioning & Heating
5. ( ) Carpentry
6. ( ) Commercial Art
7. ( ) Data Processing
8. ( ) Drafting
9. ( ) Electrical Trades
10. ( ) Electronics
11. ( ) Food Trades
12. ( ) Foundry
13. ( ) Machine Trades
14. ( ) Masonry
15. ( ) Mill and Cabinetry
16. ( ) Metal Trades
17. ( ) Painting and Decorating
18. ( ) Plumbing
19. ( ) Printing
20. ( ) Radio and TV Repair
21. ( ) Sheet Metal Fabrication
22. ( ) Shoe Repair
23. ( ) Tailoring - Power Sewing
24. ( ) Upholstery
25. ( ) Welding

IF THE SCHOOL OFFERS VOCATIONAL COURSES OTHER THAN ABOVE PLEASE LIST BELOW

26. ( ) ______________________
27. ( ) ______________________
28. ( ) ______________________
29. ( ) ______________________
30. ( ) ______________________

If you know any of the following personnel from the school under study, write the name of the person in the space provided. Then, for each title listed, indicate whether or not the person holding the title engages in any activity to place or help place vocational course graduates in jobs. Check the "don't know" space, if you are uncertain or don't know.

	INVOLVED IN PLACEMENT ACTIVITY		
SCHOOL PERSONNEL	YES 1	NO 2	DON'T KNOW 3
1. Principal ______________________	( )	( )	( )
2. Assistant Principal ______________________	( )	( )	( )
3. Vocational Director ______________________	( )	( )	( )
4. Vocational Supervisor ______________________	( )	( )	( )
5. Vocational Coordinator ______________________	( )	( )	( )
6. Student Counselor ______________________	( )	( )	( )
7. Placement Head ______________________	( )	( )	( )
8. Shop Instructors ______________________	( )	( )	( )
9. Other (specify) ______________________	( )	( )	( )

Each time the word "you" is used, it means you personally rather than your organization, your associates, etc.

Does the school offer adult evening classes that would be of interest to your members?

PLEASE DO NOT
WRITE BELOW

( ) 1. Yes ⟶ If yes, which course is most useful to your members?
( ) 2. No
( ) 3. Don't know ______________________________

In general, how well informed are you about the school's vocational program?

( ) 1. Know virtually nothing about the program
( ) 2. Know a little but not much about the program
( ) 3. Know quite a bit about the program
( ) 4. Have intimate knowledge of the program

SECTION II

ATIONS WITH THE SCHOOL. The purpose of this section is to obtain information ut interactions between your organization and the school which may have a ring upon the employment of graduates from the vocational program.

Have you or a representative of your organization visited the shops of the school?

VISIT BY YOU		VISIT BY REPRESENTATIVE
( ) 1.	Never visited the shops	( ) 1.
( ) 2.	Within the last 6 months	( ) 2.
( ) 3.	Between 6 months and a year ago	( ) 3.
( ) 4.	Between a year and 2 years ago	( ) 4.
( ) 5.	More than 2 years ago	( ) 5.
	Don't know	( ) 6.

Below is a list of reasons why school personnel may initiate contact with your organization. Estimate the number of times your office was contacted in 1964 by personnel from the school for the reasons listed. (A contact may be a personal visit, a phone discussion or a letter.)

	NONE	1-3	4-6	7-9	10 or More
1. To find a job for a student	( )	( )	( )	( )	( )
2. To find a job for a graduate	( )	( )	( )	( )	( )
3. To discuss curriculum changes	( )	( )	( )	( )	( )
4. To extend invitation to a school activity	( )	( )	( )	( )	( )
5. To request a speaker	( )	( )	( )	( )	( )
6. To obtain advisory services	( )	( )	( )	( )	( )
7. Other (specify) ____________ ____________	( )	( )	( )	( )	( )

PLEASE DO NOT WRITE BELOW

ow many times was your office contacted (personal visit, telephone, or mail) y personnel from the school in 1964?

stimate number of contacts ______

elow is a list of reasons why officials of community organizations may nitiate contacts with school personnel. Estimate the number of times you nd/or your organization's representative contacted personnel at the school n 1964 for the reasons stated. (A contact may be a personal visit, a phone iscussion, or a letter.)

	NONE	1-3	4-6	7-9	10 or More
. To request use of school facility	☐	☐	☐	☐	☐
. To obtain a speaker	☐	☐	☐	☐	☐
. To obtain assistance from shop students	☐	☐	☐	☐	☐
. To request an adult class	☐	☐	☐	☐	☐
. To offer awards to outstanding students	☐	☐	☐	☐	☐
. Other (specify) ______	☐	☐	☐	☐	☐

ow many times did you and/or your representative contact (visit, phone or rite) personnel at the school in 1964?

stimate number of contacts ______

ave you*served as a member of the school's vocational program advisory ommittee?

☐ 1. Yes, have been in past
☐ 2. Yes, at the present time
☐ 3. No
☐ 4. Not applicable

→ If yes, answer sub-items below:

10.1 What type of committee was it?

☐ 1. General advisory
☐ 2. Craft advisory
☐ 3. Other (specify) ______

10.2 How often did the committee meet?

☐ 1. Monthly
☐ 2. Every other month
☐ 3. Quarterly
☐ 4. Twice a year
☐ 5. Once per year
☐ 6. Other (specify) ______

10.3 What is your personal opinion of the value of the committee for vocational program improvement?

☐ 1. Of great value
☐ 2. Of some value
☐ 3. Of doubtful value

Did you read, hear, or see anything about the school's vocational program in 1964 through any of the following media?

PLEASE DO NOT WRITE BELOW

MEDIA	1 NO	2 YES	3 HOW MANY TIMES?
1. Newspapers	( )	( )	______
2. Booklets, brochures, etc.	( )	( )	______
3. Radio	( )	( )	______
4. Television	( )	( )	______
5. Special displays or exhibits	( )	( )	______
6. Other (specify) ______________	( )	( )	______

Since January 1964, have any of the personnel listed below given a presentation to your organization about vocational education? If there were presentations, place the total number in the space for the NUMBER OF PRESENTATIONS, but if there were none or you do not know, check the appropriate spaces.

SCHOOL PERSONNEL	1 NUMBER OF PRESENTATIONS	2 NONE	3 DON'T KNOW
1. Superintendent of Schools	______	( )	( )
2. Principal	______	( )	( )
3. Vocational Director	______	( )	( )
4. Counselor	______	( )	( )
5. Placement Head	______	( )	( )
6. Shop Instructors	______	( )	( )
7. Other (specify) __________	______	( )	( )

Which word best describes your organization's relationship with the school's personnel?

( ) 1. Non-existent
( ) 2. Poor → If poor, please explain below
( ) 3. Good
( ) 4. Excellent

____

____

In which of the following activities has your organization been involved with the school in the year 1964? (A contribution may be in the form of money, materials, or time.)

( ) 1. Contribution to specific vocational course projects
( ) 2. Contribution to general school activities
( ) 3. Participation of organization representative on school committee
( ) 4. Assistance in getting jobs for students and graduates
( ) 5. Provision of financial aid to needy students
( ) 6. Contribution to adult vocational-technical courses
( ) 7. Joint development of adult education courses
( ) 8. Membership orientation on school problems by school personnel
( ) 9. Exhibition of school projects
( ) 10. Sponsorship of business-industry education day
( ) 11. Provision of awards for outstanding vocational students
( ) 12. Provision of funds for advertising adult education
( ) 13. Advertising in school annual or school paper
( ) 14. Enrollment of members in adult education courses
( ) 15. Public stand or resolution favorable to vocational education
( ) 16. Other (specify) ______________________________

What are your opinions of the school in terms of the characteristics listed below? Give your answers by checking the appropriate space at the right. If you do not feel qualified to voice an opinion or have no opinion, please check the "no opinion" space.

PLEASE DO NOT WRITE BELOW

	SCHOOL CHARACTERISTICS	1 NO OPINION	2 POOR	3 FAIR	4 GOOD	5 EXCELLENT
1.	Adequacy of shop facilities--------	( )	( )	( )	( )	( )
2.	Competence of vocational instructors	( )	( )	( )	( )	( )
3.	Adequacy of student counseling------	( )	( )	( )	( )	( )
4.	Efforts to prevent drop-outs--------	( )	( )	( )	( )	( )
5.	Quality of course offerings---------	( )	( )	( )	( )	( )
6.	Relationship with community---------	( )	( )	( )	( )	( )
7.	Reputation in community-------------	( )	( )	( )	( )	( )
8.	Skill level of vocational graduates-	( )	( )	( )	( )	( )
9.	Relationship with local employers---	( )	( )	( )	( )	( )
10.	Relationship with local labor groups	( )	( )	( )	( )	( )
11.	Quality of vocational students------	( )	( )	( )	( )	( )
12.	Variety of course offerings---------	( )	( )	( )	( )	( )
13.	Relations with your office----------	( )	( )	( )	( )	( )
14.	Effort to place graduates-----------	( )	( )	( )	( )	( )
15.	Work habits and attitudes of grads.-	( )	( )	( )	( )	( )

SELECTION OF COMMUNITY ORGANIZATIONS

Below is the master list from which civic, service, social, and fraternal organizations were chosen in each community to respond to the questions of Data Form C-1. Organizations were selected in the preferential order listed until a maximum of ten had been interviewed. Thus, the first ten organizations available in the community were chosen from the list.

1. Chamber of Commerce
2. Junior Chamber of Commerce
3. Rotary Club
4. Kiwanis Club
5. Lions Club
6. Optimist Club
7. National Association for the Advancement of Colored People
8. American Legion
9. Veterans of Foreign Wars
10. Local Civic Association
11. Knights of Columbus
12. Masonic Lodge

Business, trade, and professional organizations also served as respondents to Data Form C-1. In each community, a relevant organization was sought for each trade area in which the school offered training. The following preferential list of organizations and kinds of organizations was used to guide this search.

- Auto Mechanics
  - Automobile Dealers Association
  - Independent Garage Owners
  - Automobile Service Industry Association
  - Society of Automotive Engineers
- Air-Conditioning and Heating
  - Refrigeration and Air-Conditioning Contractors
- Carpentry
  - Associated General Contractors
  - Building Supplies and Subcontractors Association
- Drafting
  - Association of Engineers
  - Society of Professional Engineers
- Electrical Trades
  - Electrical Contractors Association
  - Electrical Apparatus Service Association
  - Electrical Manufacturers Association
- Electronics
  - Alliance of Television and Electronic Service Association
- Food Trades
  - Restaurant Association
  - Food Service Association
- Machinist
  - Society of Tool and Manufacturing Engineers
- Mill and Cabinetry
  - Architectural Woodwork Institute

Metal Trades
- Metal Trades Association
- Society of Metals

Painting and Decorating
- Painting and Decorating Contractors
- Institute of Interior Designers

Plumbing
- Association of Plumbing-Heating-Cooling Contractors
- Plumbing Contractors Association

Printing
- Printing Industry Association
- Association of Printing House Craftsmen
- Printing Industry of America

Radio and TV Repair
- Alliance of TV and Electronic Service Association

Sheet Metal Fabrication
- Association of Sheet Metal Distributors

Welding
- Welding Supply Association

Textiles
- Southern Textile Association

Table 35. Ways Community Organizations Say They Have Helped in 1964

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Contribution to Specific Vocational Course Projects	V	H	8	0.184	181	84.0	24.9	182	1.65	2.65	180	2.47	1.11	183	3.07	0.72
		L	8	0.037	171	86.5	21.2	175	1.53	2.48	176	2.49	1.18	178	3.09	0.78
			t_U = .93		t = 1.00			t = .43			t = .19			t = .29		
	C	H	5	0.110	76	84.5	23.6	76	1.37	1.91	76	1.97	1.19	77	3.01	0.64
		L	8	0.000	177	85.1	22.4	175	1.42	2.06	176	2.29	1.07	176	3.14	0.77
(C-1, 14.1)			t_U = .79		t = .18			t = .16			t = -2.07*			t = 1.26		
Contribution to General School Activities	V	H	8	0.259	169	86.5	21.4	174	1.50	2.35	173	2.59	1.13	176	3.13	0.72
		L	8	0.036	183	84.1	24.8	183	1.69	2.75	183	2.38	1.15	185	3.03	0.77
			t_U = 1.06		t = .95			t = .70			t = 1.77			t = 1.28		
	C	H	6	0.387	99	81.8	23.7	94	1.64	2.25	100	2.02	1.06	100	2.99	0.70
		L	7	0.176	154	86.9	22.0	157	1.27	1.85	152	2.31	1.14	153	3.17	0.74
(C-1, 14.2)			t_U = -2.23*		t = 1.76			t = 1.40			t =-2.05*			t = 1.91		
Participation of Organization Representative on School Committee	V	H	8	0.225	156	87.6	20.8	159	1.46	2.38	159	2.59	1.12	160	3.06	0.74
		L	8	0.025	196	83.4	24.8	198	1.70	2.70	197	2.39	1.16	201	3.10	0.75
			t_U = .32		t = 1.70			t = .87			t = 1.62			t = .58		
	C	H	7	0.237	162	86.4	22.5	162	1.39	2.16	155	2.26	1.14	156	3.08	0.76
		L	6	0.061	91	82.3	23.1	89	1.43	1.73	97	2.09	1.08	97	3.13	0.69
(C-1, 14.3)			t_U = 1.27		t = 1.39			t = .17			t = 1.14			t = .61		
Assistance in Getting Jobs for Students and Graduates	V	H	8	0.266	143	84.9	22.5	147	1.76	2.45	144	2.47	1.12	145	2.99	0.73
		L	8	0.089	209	85.4	23.7	210	1.48	2.64	212	2.49	1.17	216	3.14	0.76
			t_U = 1.04		t = .20			t = 1.01			t = .19			t = 1.91		
	C	H	6	0.321	98	81.1	25.5	97	1.82	2.40	97	1.98	1.11	98	3.07	0.73
		L	7	0.103	155	87.4	20.6	154	1.14	1.67	155	2.33	1.10	155	3.12	0.74
(C-1, 14.4)			t_U = .05		t = -2.14*			t =-2.64**			t =-2.42*			t = .53		
Provisions of Financial Aid to Needy Students	V	H	5	0.237	96	80.0	27.5	95	2.07	3.00	95	2.13	1.09	98	2.92	0.76
		L	11	0.000	256	87.2	21.1	262	1.42	2.36	261	2.61	1.14	263	3.14	0.74
			t_U = .24		t = -2.63**			t =-2.11*			t =-3.59**			t =-2.45*		
	C	H	6	0.181	90	86.7	19.3	87	1.19	1.51	94	1.94	1.13	94	3.09	0.63
		L	7	0.042	163	83.9	24.5	164	1.52	2.23	158	2.35	1.09	159	3.11	0.79
(C-1, 14.5)			t_U = 1.67		t = .93			t = 1.26			t =-2.83**			t = .22		
Contribution to Adult Vocational-Technical Courses	V	H	8	0.217	182	86.1	22.5	189	1.43	2.47	187	2.50	1.12	190	3.15	0.68
		L	8	0.019	170	84.3	23.9	168	1.78	2.66	169	2.46	1.17	171	3.01	0.81
			t_U = .99		t = .70			t = 1.30			t = .31			t = 1.77		
	C	H	6	0.101	128	82.3	25.3	127	1.57	2.23	127	2.21	1.06	129	3.11	0.73
		L	7	0.000	125	87.6	19.6	124	1.23	1.75	125	2.19	1.17	124	3.08	0.74
(C-1, 14.6)			t_U = 1.22		t = 1.84			t = 1.33			t = .14			t = .29		
Joint Development of Adult Education Courses	V	H	8	0.236	168	83.9	24.1	176	1.77	2.77	173	2.36	1.15	176	3.06	0.73
		L	8	0.065	184	86.5	22.3	181	1.42	2.34	183	2.60	1.13	185	3.10	0.76
			t_U =-2.82*		t = 1.03			t = 1.30			t = 1.91			t = .46		
	C	H	6	0.094	131	82.7	24.6	126	1.67	2.50	125	2.19	1.08	127	3.05	0.72
		L	7	0.000	122	87.3	20.5	125	1.14	1.30	127	2.20	1.16	126	3.15	0.75
(C-1, 14.7			t_U = 1.74		t = 1.63			t = 2.06*			t = .02			t = 1.13		
Membership Orientation on School Problems by School Personnel	V	H	8	0.138	162	82.4	26.0	164	1.92	2.85	161	2.33	1.12	164	3.01	0.75
		L	8	0.000	190	87.6	20.3	193	1.32	2.26	195	2.61	1.16	197	3.14	0.74
			t_U = .63		t = -2.10*			t = -2.22*			t = -2.24*			t = 1.70		
	C	H	6	0.193	98	83.6	22.7	95	1.65	2.32	96	2.01	1.14	97	3.08	0.69
		L	7	0.058	155	85.7	22.8	156	1.26	1.79	156	2.31	1.09	156	3.11	0.76
(C-1, 14.8)			t_U = 1.17		t = .71			t = 1.49			t = -2.12*			t = .32		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 35. Ways Community Organizations Say They Have Helped in 1964 (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Exhibition of School Projects	V	H	8	0.167	158	83.1	26.1	160	1.79	2.80	157	2.40	1.09	159	2.98	0.74
		L	8	0.000	194	87.0	20.4	197	1.44	2.35	199	2.55	1.18	202	3.16	0.75
			t_U = .99		t = 1.55			t = 1.28			t = 1.16			t = -2.17*		
	C	H	6	0.111	85	85.1	21.0	83	1.30	1.60	90	1.97	1.15	90	3.14	0.63
		L	7	0.044	168	84.8	23.7	168	1.46	2.19	162	2.32	1.08	163	3.08	0.78
(C-1, 14.9)			t_U = .59		t = .11			t = .61			t = -2.38*			t = .63		
Sponsorship of Business-Industry Education Day	V	H	8	0.240	138	81.2	26.1	140	2.09	2.84	137	2.19	1.08	139	2.88	0.73
		L	8	0.028	214	87.8	20.7	217	1.27	2.32	219	2.67	1.15	222	3.21	0.74
			t_U = .90		t = -2.61**			t = -2.97**			t = -3.89**			t = -4.06**		
	C	H	7	0.176	115	85.2	22.4	114	1.41	2.00	114	2.28	1.20	114	3.13	0.74
		L	6	0.038	138	84.7	23.2	137	1.40	2.02	133	2.13	1.04	139	3.07	0.73
(C-1, 14.10)			t_U = .55		t = .19			t = .02			t = 1.05			t = .56		
Provision of Awards for Outstanding Vocational Students	V	H	8	0.156	167	83.2	26.0	172	1.81	2.94	168	2.38	1.12	170	3.01	0.76
		L	8	0.018	185	87.0	20.2	185	1.39	2.15	188	2.58	1.16	191	3.14	0.74
			t_U = .39		t = 1.53			t = 1.56			t = 1.62			t = 1.60		
	C	H	7	0.173	158	85.1	23.8	158	1.37	1.94	158	2.14	1.12	158	3.11	0.73
		L	6	0.026	95	84.6	21.0	93	1.47	2.14	94	2.29	1.11	95	3.09	0.73
(C-1, 14.11)			t_U = .84		t = .15			t = .38			t = 1.01			t = .20		
Advertising in School Annual or School Paper	V	H	3	0.204	46	78.8	27.1	49	2.32	3.18	47	2.00	1.02	48	2.76	0.78
		L	13	0.000	306	86.2	22.4	308	1.48	2.43	309	2.56	1.15	313	3.13	0.73
			t_U = .60		t = -2.04*			t = -2.13*			t = -3.14**			t = -3.18**		
	C	H	6	0.128	100	83.9	22.9	99	1.51	2.20	101	2.22	1.02	102	3.10	0.75
		L	7	0.000	153	85.6	22.7	152	1.34	1.88	151	2.18	1.18	151	3.10	0.72
(C-1, 14.13)			t_U = .58		t = .56			t = .65			t = .24			t = .08		
Enrollment of Members in Adult Education Courses	V	H	8	0.199	189	85.2	23.9	192	1.51	2.75	194	2.55	1.14	197	3.08	0.77
		L	8	0.033	163	85.3	22.4	165	1.69	2.33	162	2.40	1.15	164	3.09	0.72
			t_U = -2.33*		t = .07			t = .68			t = 1.18			t = .11		
	C	H	6	0.124	118	83.3	23.8	111	1.58	2.47	113	2.32	1.08	115	3.08	0.73
		L	7	0.000	135	86.3	21.8	140	1.27	1.55	139	2.10	1.14	138	3.12	0.73
(C-1, 14.14)			t_U = .81		t = 1.04			t = 1.21			t = 1.56			t = .43		
Public Stand or Resolution Favorable to Vocational Education	V	H	8	0.354	173	87.3	20.2	175	1.39	2.32	177	2.59	1.12	180	3.12	0.74
		L	8	0.082	179	83.2	25.7	182	1.79	2.77	179	2.38	1.16	181	3.04	0.76
			t_U = .74		t = 1.64			t = 1.44			t = 1.72			t = 1.04		
	C	H	6	0.260	95	82.9	23.8	91	1.66	2.36	94	2.03	1.11	95	3.14	0.68
		L	7	0.068	158	86.2	22.1	160	1.26	1.77	158	2.29	1.11	158	3.07	0.76
(C-1, 14.15)			t_U = .59		t = 1.10			t = 1.53			t = 1.83			t = .70		
Total of All Activities	V	H	8	2.645	160	86.1	21.9	164	1.55	2.51	162	2.51	1.11	163	3.04	0.73
		L	8	0.676	192	84.5	24.2	193	1.63	2.61	194	2.46	1.18	198	3.12	0.76
			t_U = .42		t = .67			t = .30			t = .49			t = .98		
	C	H	7	2.136	113	82.1	24.4	109	1.69	2.29	113	2.03	1.09	114	3.13	0.72
		L	6	1.173	140	87.2	21.2	142	1.18	1.74	139	2.33	1.13	139	3.07	0.74
(C-1, 14V)			t_U = 1.85		t = 1.79			t = 2.00*			t = 2.10*			t = .68		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

SCORING KEY

Data Form C-T: The Community Organizations

ITEM	CODE	IDENTIFICATION
1		Knowledge of course offerings
	R	Record the percentage of correctly identified courses
2		Knowledge of school personnel
	R	Record the percentage of correctly identified personnel
5A		Visitation of the school shops
	0	No
	1	Yes
5B		Recentness of the school shop visit
	4	Within the last six months
	3	Between six months and a year
	2	Between a year and two years
	1	More than two years

1 More than two years

ITEM	CODE	IDENTIFICATION
6F	R	Record the total frequency of reasons for school initiated contact
6V	R	Record the variety of reasons for school initiated contact
8F	R	Record the total frequency of reasons for community organization initiated contact
8V	R	Record the variety of reasons for community organization initiated contact
10		Value of advisory committee
	0	No
	1	Of doubtful value
	2	Of some value
	3	Of great value
11.1		Read about school's vocational program in newspaper
	0	No
	1	Yes
11.2		Read about school's vocational program in booklets and brochures
	0	No
	1	Yes

a Form : C-1 (cont.)

TEM	CODE	IDENTIFICATION
1.3		Hear about school's vocational program over radio
	0	No
	1	Yes
1.4		Hear about school's vocational program over television
	0	No
	1	Yes
1.5		See special displays or exhibits
	0	No
	1	Yes
1.6		Other
	0	No
	1	Yes
1T	R	Total number of times mass media was used
2		Personnel who have given presentations to community organizations
2.1		Superintendent
	0	No
	1	Yes
2.2		Principal
	0	No
	1	Yes
2.3		Vocational Director
	0	No
	1	Yes
2.4		Counselor
	0	No
	1	Yes
2.5		Placement Head
	0	No
	1	Yes
2.6		Shop Instructors
	0	No
	1	Yes

Form: C-1 (cont.)

EM	CODE	IDENTIFICATION	
.7		Other personnel	
	0	No	
	1	Yes	
F	R	Record the total frequency of number of presentations given	
V	R	Record the variety of personnel given presentations	
		Community involvement with school	
.1		Contribute to course projects	
	0	No	
	1	Yes	
.2		Contribute to general school activities	
.3		School committee participation	
.4		Assist graduates in getting jobs	
.5		Financial aid to needy students	
.6		Contribute to adult courses	
4.7		Joint development of adult courses	Same
4.8		Inform members of school problems	Scoring as 14.1
4.9		Exhibition of school projects	
4.10		Sponsor business - industry day	
4.11		Awards for vocational students	
4.12		Help finance for advertising adult education	
4.13		Advertise in school annual	
4.14		Enroll members in adult courses	
4.15		Public stand favoring vocational education	
4.16		Other	
4V	R	Variety of activities involved with the school	
5A	R	Average opinion of facilities and instructions (Items 15.1, 15.2, 15.5, 15.12)	
5B	R	Average opinion of counseling and placement (Items 15.3, 15.4, 15.14)	
5C	R	Average opinion of the quality of students and graduates (Items 15.8, 15.11, 15.1	
5D	R	Average opinion of community relationships (Items 15.6, 15.7, 15.9, 15.10, 15.13)	
5T	R	Average total opinions (Items 15.1 - 15.15)	
5NO	R	Record the total number of NO used (Items 15.1 - 15.15)	

APPENDIX D

Employers

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APPENDIX D
Employers (Forms C-2 and C-2S)

BUDGET BUREAU
NUMBER: 44-6507
EXPIRES: 11/30/65

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study by
The American Institutes for Research

DATA FORM C-2

THE EMPLOYERS

Conducted Under Contract With
The Office of Manpower, Automation and Training
United States Department of Labor

ATTENTION: Paragraph number two of the general instructions below is applicable only to employers who have received this questionnaire through the mail. It does not apply to persons who are being interviewed.

GENERAL INSTRUCTIONS

Dear Participant:

You have been selected to participate in a nationwide study concerned with school-community relations. The enclosed brochure describes the details of this important study.

Please complete the questionnaire and mail it to us in the postage-paid, pre-addressed envelope provided.

The term "school" or the expression "the school under study" used throughout this data form refers to the ____________________________ school and its high school vocational trade and industrial offerings unless another type of offering is specified. Please answer ONLY in terms of the school indicated above.

You can be assured that neither you nor your firm will be identified in any way with the answers you provide. Complete anonymity as to source will be maintained in any publication resulting from the study.

Thank you for your generous cooperation.

==

Your Name ______________________________
Official Title ______________________________
Firm ______________________________
Address ______________________________
Street City State Zip Code

Phone Number ______________________________

SECTION I

PLEASE DO NOT WRITE BELOW

T THE SCHOOL. The purpose of this section is to determine how well the school communicated information about itself to employers in the community.

Which of the following vocational trade and industrial courses are offered to high school level students by the school under study? (The title of a school course may vary slightly from a title listed below.) Please check all course titles that correspond to courses that the school offers. If you* have no knowledge of the vocational courses offered, check the space at the right. ⟶ ( ) (Please do not call the school.)

1. ( ) Automotive Mechanics
2. ( ) Auto Body Repair
3. ( ) Aircraft Mechanics
4. ( ) Air-conditioning & Heating
5. ( ) Carpentry
6. ( ) Commercial Art
7. ( ) Data Processing
8. ( ) Drafting
9. ( ) Electrical Trades
10. ( ) Electronics
11. ( ) Food Trades
12. ( ) Foundry
13. ( ) Machine Trades
14. ( ) Masonry
15. ( ) Mill and Cabinetry
16. ( ) Metal Trades
17. ( ) Painting and Decorating
18. ( ) Plumbing
19. ( ) Printing
20. ( ) Radio and TV Repair
21. ( ) Sheet Metal Fabrication
22. ( ) Shoe Repair
23. ( ) Tailoring - Power Sewing
24. ( ) Upholstery
25. ( ) Welding

IF THE SCHOOL OFFERS VOCATIONAL COURSES OTHER THAN ABOVE PLEASE LIST BELOW

26. ( ) ________________
27. ( ) ________________
28. ( ) ________________
29. ( ) ________________
30. ( ) ________________

________ ________

If you know any of the following personnel from the school under study, write the name of the person in the space provided. Then, for each title listed, indicate whether or not the person(s) holding the title engages in any activity to place or help place vocational course graduates in jobs. Check the "don't know" space, if you are uncertain or don't know.

	INVOLVED IN PLACEMENT ACTIVITY			
	1 Yes	2 No	3 Don't Know	
1. Principal ________________	( )	( )	( )	________
2. Assistant Principal ________________	( )	( )	( )	________
3. Vocational Director ________________	( )	( )	( )	________
4. Vocational Supervisor ________________	( )	( )	( )	________
5. Vocational Coordinator ________________	( )	( )	( )	________
6. Student Counselor ________________	( )	( )	( )	________
7. Placement Head ________________	( )	( )	( )	________
8. Shop Instructors ________________	( )	( )	( )	________
9. Other (specify) ________________	( )	( )	( )	________

hen an asterisk appears with the word "you*", it means you personally, rather han your organization, your associates, etc.

PLEASE DO NOT WRITE BELOW

Is there a specific individual at the school who is responsible for coordinating placement activities?

( ) 1. Yes → If yes, who is that person?
( ) 2. No
( ) 3. Don't know

Name ______________________
Title ______________________

Does the school under study use advisory committees for its vocational programs?

( ) 1. Yes → If yes, can you name two persons on such committees? If not, check the space at the right. → ( )
( ) 2. No
( ) 3. Don't know

1 ______________________
____

Does the school offer any adult evening vocational training that would be of interest to your employees?

( ) 1. Yes → If yes, which evening course is most useful to your employees?
( ) 2. No
( ) 3. Don't know

____

SECTION II

TABLISHMENT CHARACTERISTICS. In order to obtain an objective picture of employnt in this community, it is essential that certain non-financial characteristics your establishment be represented in this study.

What is the basic activity of your local plant or establishment?

( ) 1. Agriculture, forestry, and fisheries
( ) 2. Contract construction
( ) 3. Finance, insurance, and real estate
( ) 4. Government
( ) 5. Manufacturing
( ) 6. Mining
( ) 7. Services
( ) 8. Transportation, communication, and other public utilities
( ) 9. Wholesale and retail trade
( ) 10. Other (specify) ______________________

How long has your plant or establishment been in operation in the community?

( ) 1. Less than a year
( ) 2. 1-5 years
( ) 3. 6-10 years
( ) 4. 11-15 years
( ) 5. 16-20 years
( ) 6. More than 20 years (specify) ______ years

PLEASE DO NOT WRITE BELOW

ow many employees did your plant or establishment have on its payroll as of anuary, 1965? (Exclude supervisory, clerical and management employees.)

. ________

ow many employees did your plant or establishment have on its payroll as of anuary 1962? (Exclude supervisory, clerical and management employees.)

. ________ If the number is not available, check the space at the right and go on to item 10 below. ⟶ ( ) Do NOT complete item 10 if you have provided the requested information for items 8 and 9.

hat has been the trend in the number of employees in your plant or estab- ishment from January 1962 to January 1965? (Do not include employees who ere rehired on a seniority basis during this period.)

) 1. An increase in employees
) 2. Decrease in employees
) 3. No change

} ⟶ If there has been an increase or decrease, indicate the approximate percentage.

( ) 1. 1%-10%
( ) 2. 11%-20%
( ) 3. 21%-30%
( ) 4. 31%-40%
( ) 5. 41%-50%
( ) 6. 51%-60%
( ) 7. 61%-70%
( ) 8. 71%-80%
( ) 9. 81%-90%
( ) 10. 91%-100%
( ) 11. Over 100%
(specify) _____%

hat percentage of your production and/or service employees are represented y a labor organization?

) 1. None
) 2. 1%-25%
) 3. 26%-50%
) 4. 51%-75%
) 5. 76%-100%

SECTION III

YMENT POLICIES, PRACTICES, AND RELATED INFORMATION. To better understand roblems related to the employment of vocational course graduates, we need ow more about the employment policies and practices of potential employers ung people. Your establishment will not be associated in any way with the mation given in this section.

hat is the minimum age requirement (by company policy) that male applicants or production and maintenance work must meet before you will consider hiring hem? Please check the appropriate answer space below. (It is not necessar- ily the same as the legal minimum age requirement.)

) 1. 16 years
) 2. 17 years
( ) 3. 18 years
( ) 4. 19 years
( ) 5. 20 years
( ) 6. 21 years
( ) 7. Other (specify) ___

PLEASE DO NOT WRITE BELOW

Approximately how many male personnel were newly hired between January 1, 1964 and January 1, 1965?

Number of new males hired ________

Approximately what percent of new males hired in the period stated above were under the age of 21? If policy is to hire no one under 21, check the space at the right. ⟶ ( )

What is the minimum educational requirement that a male job applicant under 21 must meet before you will consider hiring him? If policy is to hire no one under 21, check the space at the right. ⟶ ( )

( ) 1. No minimum education requirement
( ) 2. Must have completed 8 years of elementary school
( ) 3. Must have completed 2 years of high school
( ) 4. Must be a high school graduate
( ) 5. Other (specify) ____________________

What are the methods used to screen male job applicants under the age of 21? (Check all that apply.) If policy is to hire no one under 21, check the space at the right. ⟶ ( )

( ) 1. Personal interview
( ) 2. Employment application review
( ) 3. Aptitude testing
( ) 4. Trade information test (oral or written)
( ) 5. Check on employer references
( ) 6. Check on school references
( ) 7. Police and/or F.B.I. check
( ) 8. Job performance test
( ) 9. Retail credit check
( ) 10. Check of applicant's school record
( ) 11. Other (specify) ____________________

Below is a list of sources that employers may use to fill job openings in the SKILLED TRADES. Indicate the approximate percentage of times that you use each source to secure personnel for SKILLED TRADES. (The total of all percentages indicated should not exceed 100%.)

1. State employment services .... ___%
2. Private employment agencies .... ___%
3. Private school sources .... ___%
4. Public high school sources .... ___%
5. Newspaper advertising .... ___%
6. Labor organization contacts .... ___%
7. Promotion from within company .... ___%
8. Direct inquiry or visit by applicant .... ___%
9. Recall of previously laid-off workers .... ___%
10. Other (specify) ____________________ ___%

18. Please answer question 1 for the trades checked below. If the answer is YES, answer questions 2-10 also.

TRADES	1 Does your establishment employ people in the trades checked at the left? If no, skip columns 2-10.			2 How many new employees did you hire into the trade in 1964?	3 Does your establishment employ more, less, or about the same in this trade than 5 years ago?			4 Do you forecast that your establishment will employ more, less or about the same 5 years from now?			5 Are you now in need of qualified men for this trade?		6 Do you have an apprentice program to train men in this trade?		7 Do you have a cooperative education arrangement in this trade with the school?		8 Do you hire high school graduates (vocational) directly out of school into this trade or as helpers for this trade?		9 Do you hire persons under 21 into this trade or as helpers for the trade?		10 Is the trade represented by a labor organization in your company?	
CONSIDER ONLY THOSE TRADES CHECKED (✓) BELOW	1 Yes	If So How Many	2 No	Record Below	1 More	2 Less	3 Same	1 More	2 Less	3 Same	1 Yes	2 No	1 Yes	2 No	1 Yes	2 No	1 Yes	2 No	1 Yes	2 No	1 Yes	2 No
( ) 1. Automotive Mechanics	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 2. Auto Body Repair	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 3. Aircraft Mechanics	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 4. Air-conditioning & Heating	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 5. Carpentry	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 6. Commercial Art	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 7. Data Processing	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 8. Drafting	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 9. Electrician	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 10. Electronics	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 11. Food Trades	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 12. Foundry	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 13. Machine Trades	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 14. Masonry	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 15. Mill and Cabinetry	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 16. Metal Trades	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 17. Painting and Decorating	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 18. Plumbing	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 19. Printing	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 20. Radio and TV Repair	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 21. Sheet Metal Fabrication	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 22. Shoe Repair	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 23. Tailoring - Power Sewing	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 24. Upholstery	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 25. Welding	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 26. ___	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 27. ___	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 28. ___	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 29. ___	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
( ) 30. ___	( )	___	( )	___	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

SECTION IV

PLEASE DO NO
WRITE BELOW

ELATIONS WITH THE SCHOOL. This section concerns the interaction between the chool under study and employers in the community who are potential employers f the school's graduates.

). When was the last time you* or a representative of your establishment visited the trade and industrial shops of the school under study?

VISITED BY YOU		VISIT BY REPRESENTATIVE
( ) 1.	Never visited the shops	( ) 1.
( ) 2.	Within the last six months	( ) 2.
( ) 3.	Between 6 months and a year ago	( ) 3.
( ) 4.	Between a year and two years ago	( ) 4.
( ) 5.	More than two years ago	( ) 5.
	Don't know	( ) 6.

). Below is a list of reasons why school personnel may initiate contact with employers. Estimate the number of times your office was contacted in 1964 by personnel from the school for the reasons listed. (A contact may be a personal visit, a phone discussion, or a letter.)

	None	1-3	4-6	7-9	10 or More
1. To find a job for student	( )	( )	( )	( )	( )
2. To place co-op student	( )	( )	( )	( )	( )
3. To check co-op students' progress	( )	( )	( )	( )	( )
4. To discuss curriculum changes	( )	( )	( )	( )	( )
5. To arrange "field trip"	( )	( )	( )	( )	( )
6. To extend invitation to school activity	( )	( )	( )	( )	( )
7. To request speaker	( )	( )	( )	( )	( )
8. To obtain materials, supplies, equipment	( )	( )	( )	( )	( )
9. To solicit advisory services	( )	( )	( )	( )	( )
10. Other (specify) ____________________	( )	( )	( )	( )	( )

. How many times was your office contacted (visit, phone or letter) in 1964 by personnel from the school?

Estimate the number of contacts ____________

. Did you* read, hear, or see anything about the school's vocational program in 1964 through any of the following media?

MEDIA	1 YES	2 NO	3 ABOUT HOW OFTEN?
1. Newspapers	( )	( )	______
2. Booklets, brochures, etc.	( )	( )	______
3. Radio	( )	( )	______
4. Television	( )	( )	______
5. Special displays or exhibits	( )	( )	______
6. Other (specify) __________	( )	( )	______

PLEASE DO NOT
WRITE BELOW

Below is a list of reasons why employers may initiate contact with school personnel. Estimate the number of times you and/or your representatives contacted personnel at the school in 1964 for the reasons listed. (A contact may be a personal visit, a phone discussion, or a letter.)

	NONE	1-3	4-6	7-9	10 or More
1. To fill job openings	☐	☐	☐	☐	☐
2. To discuss co-op student	☐	☐	☐	☐	☐
3. To offer equipment or supplies	☐	☐	☐	☐	☐
4. To discuss committee problem	☐	☐	☐	☐	☐
5. To request curriculum addition	☐	☐	☐	☐	☐
6. To inquire about special training	☐	☐	☐	☐	☐
7. To check applicant's references	☐	☐	☐	☐	☐
8. To get school program information	☐	☐	☐	☐	☐
9. To offer advisory assistance	☐	☐	☐	☐	☐
10. Other (specify) ________________ ________________	☐	☐	☐	☐	☐

How many times did you and/or your representatives contact (visit, phone, or letter) personnel at the school in 1964?

Estimate the number of contacts ________________

Have you* served as a member of the school's vocational program advisory committee?

- ☐ 1. Yes, have been in the past
- ☐ 2. Yes, I am now
- ☐ 3. No
- ☐ 4. Not applicable

If yes, answer sub-items:

25.1 What type of committee was it?

- ☐ 1. General advisory committee
- ☐ 2. Craft advisory committee
- ☐ 3. Joint apprentice committee
- ☐ 4. Other ________________ ________________

25.2 How often did the committee meet?

- ☐ 1. Monthly
- ☐ 2. Every other month
- ☐ 3. Quarterly
- ☐ 4. Twice a year
- ☐ 5. Once a year
- ☐ 6. Other ________________ ________________

25.3 What is your personal opinion of the value of the committee for vocational program improvement?

- ☐ 1. Of great value
- ☐ 2. Of some value
- ☐ 3. Of doubtful value

SECTION V

PLEASE DO NO
WRITE BELOW

INIONS ABOUT THE SCHOOL. The purpose of this section is to obtain your opinions out the school, its personnel, its graduates, and other factors that may have a aring on how well the school does in placing vocational course graduates in the eld for which trained or related fields. Your answers will be kept in strict nfidence.

. What are your opinions of the school in terms of the characteristics listed below? Give your answers by checking the appropriate space at the right. If you*do not feel qualified to voice an opinion or have no opinion, please check the "no opinion" space.

		1	2	3	4	5
	SCHOOL CHARACTERISTICS	NO OPINION	POOR	FAIR	GOOD	EXCELLENT
1.	Adequacy of shop facilities	( )	( )	( )	( )	( )
2.	Competence of vocational instructors	( )	( )	( )	( )	( )
3.	Adequacy of student counseling	( )	( )	( )	( )	( )
4.	Efforts to prevent drop-outs	( )	( )	( )	( )	( )
5.	Quality of course offerings	( )	( )	( )	( )	( )
6.	Relationship with community	( )	( )	( )	( )	( )
7.	Reputation in community	( )	( )	( )	( )	( )
8.	Skill level of vocational graduates.	( )	( )	( )	( )	( )
9.	Relationship with local employers ..	( )	( )	( )	( )	( )
10.	Relationship with local labor groups	( )	( )	( )	( )	( )
11.	Quality of vocational students	( )	( )	( )	( )	( )
12.	Variety of course offerings	( )	( )	( )	( )	( )
13.	Relations with your office	( )	( )	( )	( )	( )
14.	Effort to place graduates	( )	( )	( )	( )	( )
15.	Work habits and attitudes of graduates	( )	( )	( )	( )	( )

Budget Bureau
Number: 44-6507
Expires: 11/30/65

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study By
The American Institutes for Research

Supplement to
Data Form C-2
THE EMPLOYERS

ASSESSMENT OF VOCATIONAL COURSE GRADUATES

GENERAL INSTRUCTIONS

Each participating employer who currently employs a trade and industrial graduate of the school being studied in your community will be asked to have the graduate's supervisor complete this evaluation form. The name of the graduate is located in the upper right hand corner of the form which appears on the other side of this sheet.

Please ask the graduate's supervisor to complete the form and mail it to the American Institutes for Research in the postage-paid, self-addressed envelope which has been provided.

The rating which is requested will be utilized for research purposes and it will be treated as confidential information. Neither the graduate nor the supervisor or his firm will be identified in reports resulting from this study.

Thank you.

Graduate's name

ASSESSMENT OF VOCATIONAL COURSE GRADUATES. One phase of our study is concerned with how vocational course graduates are evaluated by those who supervise their work or those who are sufficiently close to their work to render an evaluation.

1. How long have you supervised his work? (Check one)

( ) 1. Less than a year
( ) 2. Between 1 and 3 years
( ) 3. Between 3 and 5 years
( ) 4. More than 5 years

2. What is his occupation or job title? ______________________________

3. How many employees under your supervision work in the same occupation or job title? __________

4. Of that number, how many completed a vocational or technical course in high school? (If practical, please ask them.) I. ____________________

5. Please evaluate the person in question in terms of the characteristics indicated below by checking the appropriate spaces.

ANSWER THE THREE QUESTIONS AT THE RIGHT FOR EACH OF THE SKILL AND KNOWLEDGE CHARACTERISTICS BELOW	1 How important is this skill for his present job				2 How would you evaluate him on this skill				3 How does he compare with others of about his age who do the same work but had no vocational course in high school			
	1 Of no real importance	2 Slightly important	3 Considerably important	4 Of critical importance	1 Needs much improvement	2 Generally satisfactory	3 Generally above average	4 Outstanding	1 Have no one to fairly compare him with	2 Does not do as well as others doing same work	3 Does about as well as others doing same work	4 Does better than others doing same work
1 MANUAL JOB SKILLS. Refers to skill at using or operating tools, equipment, materials, machines, etc., in your work	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
2 JOB PRACTICAL KNOWLEDGE. Refers to practical everyday knowledge of work processes, methods, procedures, etc.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
3 JOB THEORETICAL KNOWLEDGE. Refers to knowledge of basic principles and concepts underlying the practical trade work.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
4 MATHEMATICAL SKILLS. Refers to ability to use arithmetic or higher mathematics to solve work problems.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
5 COMMUNICATION SKILLS. Refers to skill at speaking, writing drafting, sketching, etc., to communicate ideas.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
6 READING AND INTERPRETIVE SKILLS. Refers to skill at reading printed matter, blueprints, tables, diagrams, etc.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
7 CLERICAL SKILLS. Refers to skill at keeping records, making out reports, and other types of routine paper work.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
8 PERSONAL RELATIONS SKILLS. Refers to skill at dealing with people, such as customers, co-workers, other tradesmen, etc.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
9 SUPERVISORY SKILLS. Refers to skill at supervising others, e.g., instructing, directing, evaluating, planning, organizing etc.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
10 ATTITUDE TOWARD WORK. Refers to such behavior as absenteeism, rule violation, concern for quality work, cooperation, etc.	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )

Supervisor's initials ____________________
Firm ____________________
Address ____________ City ____________ State

Table 36. Basic Activities of Employers

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
CONTRACT CONSTRUCTION	V	H	8	0.160	214	85.7	23.6	215	1.44	2.58	217	2.72	1.13	220	3.16	0.74
Employers of 1962		L	8	0.000	138	84.5	22.7	142	1.82	2.53	139	2.10	1.06	141	2.96	0.75
Graduates			t_U = .27		t = .45			t = 1.38			t = 5.16**			t = 2.50*		
	C	H	5	0.204	92	89.3	18.2	97	1.07	1.17	95	2.22	1.21	94	3.16	0.73
		L	8	0.000	161	82.4	24.7	154	1.61	2.37	157	2.18	1.06	159	3.06	0.73
(C-2, 6.2)			t_U = 3.31**		t = 2.34*			t = 2.07*			t = .26			t = 1.09		
	V	H	8	0.256	200	89.3	18.2	205	1.17	2.04	207	2.74	1.12	210	3.22	0.68
Potential		L	8	0.064	152	79.9	27.6	152	2.16	3.05	149	2.13	1.09	151	2.89	0.79
Employers			t_U = -2.20*		t = 3.81**			t = 3.67**			t = 5.07**			t = 4.30**		
	C	H	6	0.377	94	84.0	21.3	90	1.62	2.18	94	1.93	1.15	94	3.04	0.67
		L	7	0.013	159	85.5	23.6	161	1.29	1.90	158	2.35	1.07	159	3.13	0.77
(C-2, 6.2)			t_U = 1.47		t = .50			t = 1.24			t = -2.96**			t = .91		
GOVERNMENT	V	H	2	0.077	54	76.5	27.8	52	2.29	3.06	51	1.78	.96	52	2.69	0.89
Employers of 1962		L	14	0.000	298	86.8	21.9	305	1.48	2.45	305	2.60	1.13	309	3.15	0.70
Graduates			t_U = 1.42		t = -3.04**			t = -2.13*			t = -4.86**			t = -4.11**		
	C	H	3	0.105	64	85.0	22.7	68	1.34	1.46	67	2.37	1.13	66	3.23	0.80
		L	10	0.000	189	84.9	22.9	183	1.43	2.18	185	2.13	1.11	187	3.05	0.70
(C-2, 6.4)			t_U = .81		t = .03			t = .32			t = 1.50			t = 1.74		
WHOLESALE AND RETAIL TRADE	V	H	8	0.340	172	89.0	19.4	176	1.29	2.05	177	2.77	1.11	179	3.21	0.66
		L	8	0.151	180	81.7	25.9	181	1.89	2.95	179	2.19	1.11	182	2.96	0.81
Employers of 1962			t_U = .55		t = 2.99**			t = 2.23*			t = 4.91**			t = 3.24**		
Graduates	C	H	7	0.456	116	82.7	23.5	113	1.68	2.26	115	2.01	1.11	116	3.08	0.73
		L	6	0.086	137	86.8	22.0	138	1.18	1.76	137	2.35	1.10	137	3.11	0.74
(C-2, 6.9)			t_U = 1.91		t = 1.41			t = 1.96			t = -2.39*			t = .31		
MANUFACTURING	V	H	8	0.570	167	85.6	22.7	174	1.51	2.65	171	2.50	1.10	173	3.08	0.74
Employers of 1962		L	7	0.338	185	84.9	23.7	183	1.67	2.49	185	2.46	1.19	188	3.08	0.76
Graduates			t_U = .69		t = .26			t = .59			t = .35			t = .09		
	C	H	6	0.625	135	85.0	23.3	132	1.53	2.35	130	2.01	1.09	131	3.00	0.70
		L	6	0.251	118	84.8	22.2	119	1.26	1.55	122	2.39	1.12	122	3.20	0.76
(C-2, 6.5)			t_U = .59		t = .08			t = 1.07			t = -2.68**			t = -2.19*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 36. Basic Activities of Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Potential Employers (C-2, 6.5)	V	H	8	0.476	204	84.4	22.5	206	1.63	2.44	206	2.38	1.17	209	3.06	0.75
		L	8	0.225	148	86.3	24.1	151	1.55	2.73	150	2.63	1.10	152	3.10	0.75
			t_U = .42		t = .76			t = .29			t = -2.03*			t = .49		
	C	H	7	0.582	151	84.3	24.5	150	1.37	2.09	150	2.17	1.03	152	3.06	0.72
		L	6	0.285	102	85.8	20.1	101	1.45	1.89	102	2.23	1.23	101	3.16	0.75
			t_U = .46		t = .52			t = .29			t = .36			t = 1.08		
SERVICES Employers of 1962 Graduates (C-2, 6.7)	V	H	8	0.402	186	86.4	22.9	182	1.41	2.48	186	2.46	1.15	189	3.11	0.76
		L	6	0.219	166	83.9	23.5	175	1.78	2.64	170	2.51	1.14	172	3.05	0.74
			t_U = 1.59		t = 1.02			t = 1.35			t = .37			t = .75		
	C	H	6	0.371	106	84.4	22.4	104	1.44	2.05	105	2.42	1.12	105	3.19	0.76
		L	4	0.162	147	85.3	23.1	147	1.38	1.99	147	2.03	1.09	148	3.03	0.71
			t_U = .46		t = .33			t = .23			t = 2.75**			t = 1.70		
Potential Employers (C-2, 6.7)	V	H	8	0.600	152	84.5	24.1	154	1.76	2.84	153	2.32	1.15	154	2.97	0.81
		L	8	0.277	200	85.8	22.5	203	1.47	2.33	203	2.60	1.13	207	3.17	0.69
			t_U = .87		t = .55			t = 1.07			t = -2.28*			t = -2.54*		
	C	H	6	0.485	121	86.3	22.7	125	1.18	1.64	123	2.27	1.09	123	3.15	0.72
		L	7	0.184	132	83.7	22.9	126	1.63	2.30	129	2.12	1.14	130	3.05	0.75
			t_U = 1.46		t = .90			t = 1.77			t = 1.09			t = 1.04		
TRANSPORTATION, COMMUNICATION AND OTHER PUBLIC UTILITIES Employers of 1962 Graduates (C-2, 6.8)	V	H	4	0.091	104	81.6	26.3	102	1.94	2.89	103	2.13	1.18	105	2.93	0.84
		L	12	0.000	248	86.8	21.6	255	1.46	2.41	253	2.63	1.10	256	2.14	0.70
			t_U = .35		t = 1.93			t = 1.61			t = -3.76**			t = -2.43*		
	C	H	7	0.119	154	83.3	24.7	153	1.56	2.28	151	2.35	1.08	152	3.14	0.77
		L	6	0.000	99	87.4	19.2	98	1.17	1.48	101	1.96	1.14	101	3.04	0.66
			t_U = .10		t = 1.39			t = 1.50			t = 2.79**			t = 1.00		
Potential Employers (C-2, 6.8	V	H	4	0.060	59	82.4	27.8	66	1.88	2.73	60	2.45	1.10	61	3.08	0.68
		L	12	0.000	293	85.8	22.1	291	1.53	2.52	296	2.49	1.15	300	3.08	0.76
			t_U = .04		t = 1.02			t = 1.01			t = .21			t = .05		
	C	H	5	0.070	108	84.4	23.5	106	1.40	2.13	107	2.12	1.10	108	2.98	0.67
		L	8	0.000	145	85.3	22.3	145	1.41	1.93	145	2.25	1.13	145	3.19	0.77
			t_U = 1.26		t = .34			t = .02			t = .94			t = -2.27*		
OTHER THAN ABOVE Employers of 1962 Graduates (C-2, 6.10	V	H	7	0.102	163	83.7	24.0	160	1.68	2.25	159	2.33	1.15	162	3.05	0.72
		L	9	0.000	189	86.6	22.4	197	1.52	2.79	197	2.60	1.13	199	3.11	0.77
			t_U = 2.94*		t = 1.16			t = .60			t = -2.23*			t = .71		
	C	H	3	0.138	57	89.1	20.2	58	1.03	1.09	58	2.24	1.25	57	3.24	0.74
		L	10	0.000	196	83.7	23.4	193	1.52	2.21	194	2.18	1.07	196	3.06	0.73
			t_U = .86		t = 1.59			t = 1.63			t = .37			t = 1.68		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 37. Length of Time Employers in Business

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V H	8	5.400	162	87.2	21.4	167	1.51	2.46	167	2.64	1.09	169	3.12	0.73
	V L	8	4.766	190	83.6	24.6	190	1.67	2.66	189	2.34	1.18	192	3.04	0.76
		$\underline{t}_U$ = .47		$\underline{t}$ = 1.42			$\underline{t}$ = .60			$\underline{t}$ = 2.46*			$\underline{t}$ = 1.02		
	C H	6	4.927	150	84.6	23.3	149	1.51	2.25	146	2.21	1.11	146	3.05	0.73
	C L	7	4.265	103	85.3	22.1	102	1.26	1.60	106	2.18	1.14	107	3.16	0.73
(C-2, 7)		$\underline{t}_U$ = .72		$\underline{t}$ = .24			$\underline{t}$ = .95			$\underline{t}$ = .20			$\underline{t}$ = 1.12		
Potential Employers	V H	8	4.946	170	83.3	23.8	171	1.82	2.67	168	2.25	1.11	170	2.99	0.76
	V L	8	4.582	182	87.1	22.5	186	1.38	2.45	188	2.69	1.14	191	3.16	0.74
		$\underline{t}_U$ = 1.31		$\underline{t}$ = 1.53			$\underline{t}$ = 1.62			$\underline{t}$ = -3.69**			$\underline{t}$ = -2.15*		
	C H	6	5.245	128	82.3	25.2	124	1.67	2.53	122	2.18	1.09	124	2.99	0.70
	C L	7	4.358	125	87.6	19.7	127	1.14	1.28	130	2.21	1.14	129	3.20	0.75
(C-2, 7)		$\underline{t}_U$ = 1.69		$\underline{t}$ = 1.83			$\underline{t}$ = -2.09*			$\underline{t}$ = ..19			$\underline{t}$ = -2.28*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 38. Trend in Work Force: January 1962 - January 1965

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V H	8	155.588	190	83.4	24.2	193	1.77	2.57	191	2.37	1.15	194	3.06	0.74
	V L	8	113.696	162	87.4	21.8	164	1.39	2.55	165	2.62	1.13	167	3.10	0.76
		$\underline{t}_U$ = .34		$\underline{t}$ = 1.58			$\underline{t}$ = 1.42			$\underline{t}$ = -2.07*			$\underline{t}$ = .51		
	C H	7	139.419	172	85.7	23.2	171	1.26	1.86	170	2.20	1.08	170	3.05	0.75
	C L	6	108.979	81	83.2	21.8	80	1.72	2.28	82	2.18	1.20	83	3.19	0.70
(C-2, 8, 9, 10)		$\underline{t}_U$ = .58		$\underline{t}$ = .82			$\underline{t}$ = 1.70			$\underline{t}$ = .18			$\underline{t}$ = 1.43		
Potential Employers	V H	8	149.151	190	87.1	21.3	191	1.39	2.16	191	2.66	1.13	192	3.13	0.72
	V L	8	117.131	162	83.1	25.1	166	1.83	2.95	165	2.28	1.13	169	3.03	0.77
		$\underline{t}_U$ = 1.46		$\underline{t}$ = 1.61			$\underline{t}$ = 1.65			$\underline{t}$ = 3.16**			$\underline{t}$ = 1.24		
	C H	7	136.882	113	85.9	20.9	112	1.21	1.31	117	2.23	1.20	116	3.17	0.75
	C L	6	106.065	140	84.1	24.2	139	1.56	2.43	135	2.17	1.04	137	3.04	0.71
(C-2, 8, 9, 10)		$\underline{t}_U$ = .02		$\underline{t}$ = .64			$\underline{t}$ = 1.37			$\underline{t}$ = .45			$\underline{t}$ = 1.42		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 39. Degree of Unionization in Community

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V H	8	1.900	190	85.3	22.3	190	1.55	2.49	192	2.32	1.17	196	3.09	0.76
	V L	8	0.663	162	85.1	24.2	167	1.65	2.65	164	2.67	1.08	165	3.07	0.73
		$\underline{t}_U$ = .14		$\underline{t}$ = .09			$\underline{t}$ = .36			$\underline{t}$ = -2.84**			$\underline{t}$ = .22		
	C H	6	1.792	148	83.2	25.5	146	1.56	2.38	142	2.29	1.08	143	3.10	0.74
	C L	7	0.692	105	87.3	18.2	105	1.18	1.32	110	2.07	1.15	110	3.09	0.72
(C-2, 11)		$\underline{t}_U$ = .68		$\underline{t}$ = 1.39			$\underline{t}$ = 1.48			$\underline{t}$ = 1.56			$\underline{t}$ = .14		
Potential Employers	V H	8	1.820	163	84.8	22.6	164	1.67	2.59	165	2.39	1.11	168	3.10	0.69
	V L	8	0.596	189	85.6	23.7	193	1.53	2.54	191	2.56	1.17	193	3.07	0.80
		$\underline{t}_U$ = .22		$\underline{t}$ = .29			$\underline{t}$ = .51			$\underline{t}$ = 1.42			$\underline{t}$ = .42		
	C H	7	1.794	144	82.5	24.6	137	1.61	2.37	141	2.10	1.06	142	2.99	0.72
	C L	6	0.608	109	88.1	19.8	114	1.16	1.44	111	2.31	1.18	111	3.24	0.73
(C-2, 11)		$\underline{t}_U$ = -4.08**		$\underline{t}$ = 1.94			$\underline{t}$ = 1.75			$\underline{t}$ = 1.45			$\underline{t}$ = -2.70**		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 40. Employment Policies and Practices in all Trades

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
MINIMUM AGE REQUIREMENTS	V	H	8	2.932	183	86.6	22.1	186	1.39	2.23	183	2.47	1.13	186	3.13	0.73
Employers of 1962		L	8	2.274	169	83.8	24.3	171	1.82	2.87	173	2.50	1.16	175	3.03	0.77
Graduates			t_U = .82		t = 1.13			t = 1.59			t = .26			t = 1.21		
	C	H	6	2.673	138	83.3	24.1	138	1.61	2.26	136	2.31	1.11	136	3.11	0.78
		L	7	2.262	115	86.9	21.0	113	1.16	1.64	116	2.06	1.11	117	3.08	0.67
(C-2, 12)			t_U = .06		t = 1.24			t = 1.77			t = 1.81			t = .35		
Potential	V	H	8	3.172	138	84.4	23.8	148	1.90	2.93	144	2.36	1.13	146	3.04	0.76
Employers		L	8	2.285	214	85.8	22.8	209	1.38	2.25	212	2.56	1.15	215	3.11	0.74
			t_U = -2.16*		t = .55			t = 1.88			t = 1.63			t = .91		
	C	H	7	3.086	173	85.9	22.7	175	1.29	1.86	172	2.20	1.09	172	3.06	0.74
		L	6	2.630	80	82.9	22.8	76	1.66	2.31	80	2.19	1.19	81	3.19	0.70
(C-2, 12)			t_U = .02		t = .96			t = 1.33			t = .04			t = 1.29		
NUMBER OF NEW MALE HIRES	V	H	8	51.141	173	86.8	20.4	177	1.52	2.46	177	2.58	1.15	179	3.13	0.73
Employers of 1962		L	8	10.472	179	83.8	25.6	180	1.67	2.67	179	2.38	1.13	182	3.04	0.77
Graduates			t_U = .93		t = 1.22			t = .56			t = 1.65			t = 1.13		
	C	H	6	144.651	105	86.5	20.6	103	1.39	2.08	106	1.91	1.05	106	3.04	0.66
		L	7	25.299	148	83.8	24.2	148	1.41	1.97	146	2.40	1.12	147	3.14	0.78
(C-2, 13)			t_U = .10		t = .93			t = .09			t = -3.53**			t = 1.01		
Potential	V	H	8	27.999	177	84.2	22.9	182	1.75	2.59	179	2.56	1.15	181	3.08	0.73
Employers		L	8	7.012	175	86.3	23.5	175	1.43	2.53	177	2.40	1.13	180	3.09	0.76
			t_U = .47		t = .87			t = 1.17			t = 1.29			t = .11		
	C	H	6	36.393	88	88.4	18.8	90	1.11	1.49	90	2.13	1.18	91	3.05	0.68
		L	7	12.087	165	83.1	24.5	161	1.57	2.24	162	2.23	1.08	162	3.12	0.76
(C-2, 13)			t_U = 1.67		t = 1.75			t = 1.76			t = .64			t = .74		
PERCENTAGE OF NEW MALE HIRES UNDER 21	V	H	8	39.871	181	88.0	19.9	182	1.40	2.37	185	2.54	1.18	186	3.09	0.77
Employers of 1962		L	8	24.899	171	82.4	26.0	175	1.79	2.74	171	2.42	1.11	175	3.07	0.72
Graduates			t_U = .14		t = 2.28*			t = 1.44			t = 1.00			t = .29		
	C	H	6	45.812	113	84.8	22.4	115	1.45	2.01	112	2.42	1.11	112	3.20	0.77
		L	7	22.138	140	85.1	23.2	136	1.36	2.01	140	2.01	1.09	141	3.01	0.69
(C-2, 14)			t_U = 2.38*		t = .11			t = .34			t = 2.92**			t = 2.06*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 40. Employment Policies and Practices in all Trades (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
NUMBER OF NEW MALE HIRES UNDER 21	V	H	8	19.776	178	87.4	20.4	185	1.44	2.56	184	2.61	1.14	185	3.13	0.73
		L	8	2.694	174	83.0	25.6	172	1.76	2.56	172	2.34	1.13	176	3.03	0.76
Employers of 1962			$\underline{t}_U$ = 1.69		$\underline{t}$ = 1.78			$\underline{t}$ = 1.21			$\underline{t}$ = 2.26*			$\underline{t}$ = 1.22		
Graduates	C	H	7	46.339	119	85.5	22.2	118	1.43	2.16	119	2.02	1.08	120	3.07	0.68
		L	6	7.039	134	84.4	23.3	133	1.38	1.88	133	2.36	1.13	133	3.12	0.78
(C-2, 13, 14)			$\underline{t}_U$ = .23		$\underline{t}$ = .39			$\underline{t}$ = .21			$\underline{t}$ = -2.42*			$\underline{t}$ = .53		
Potential	V	H	8	6.571	178	87.8	19.0	183	1.42	2.16	183	2.71	1.13	184	3.15	0.70
Employers		L	8	1.469	174	82.7	26.6	174	1.78	2.92	173	2.25	1.11	177	3.01	0.79
			$\underline{t}_U$ = .40		$\underline{t}$ = 2.06*			$\underline{t}$ = 1.32			$\underline{t}$ = 3.84**			$\underline{t}$ = 1.65		
	C	H	7	14.038	133	86.9	21.7	133	1.25	1.94	131	2.19	1.15	133	3.03	0.70
		L	6	2.525	120	82.7	23.8	118	1.58	2.08	121	2.20	1.09	120	3.17	0.76
(C-2, 13, 14)			$\underline{t}_U$ = 1.17		$\underline{t}$ = 1.47			$\underline{t}$ = 1.30			$\underline{t}$ = .06			$\underline{t}$ = 1.51		
MINIMUM EDUCATIONAL REQUIREMENT	V	H	8	2.898	153	84.4	22.8	156	1.84	2.46	154	2.25	1.12	156	2.97	0.77
		L	8	1.974	199	85.9	23.5	201	1.40	2.63	202	2.66	1.13	205	3.17	0.73
Employers of 1962			$\underline{t}_U$ = .42		$\underline{t}$ = .61			$\underline{t}$ = 1.60			$\underline{t}$ = -3.32**			$\underline{t}$ = -2.49*		
Graduates	C	H	6	2.924	136	83.6	24.5	133	1.55	2.33	131	2.43	1.09	132	3.18	0.77
(C-2, 15)		L	7	1.910	117	86.5	20.6	118	1.25	1.58	121	1.94	1.10	121	3.01	0.69
			$\underline{t}_U$ = .34		$\underline{t}$ = .99			$\underline{t}$ = 1.18			$\underline{t}$ = 3.51**			$\underline{t}$ = 1.81		
	V	H	8	2.698	183	83.6	24.5	185	1.64	2.48	183	2.28	1.09	188	3.10	0.72
Potential		L	8	1.708	169	87.0	21.6	172	1.54	2.65	173	2.70	1.16	173	3.06	0.78
Employers			$\underline{t}_U$ = .09		$\underline{t}$ = 1.38			$\underline{t}$ = .39			$\underline{t}$ = -3.53**			$\underline{t}$ = .47		
	C	H	6	2.415	134	83.0	24.6	133	1.62	2.34	129	2.44	1.11	130	3.17	0.77
(C-2, 15)		L	7	1.719	119	87.1	20.3	118	1.17	1.53	123	1.94	1.07	123	3.02	0.68
			$\underline{t}_U$ = .63		$\underline{t}$ = 1.42			$\underline{t}$ = 1.78			$\underline{t}$ = 3.68**			$\underline{t}$ = 1.63		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 41. Methods Used by Employers to Screen Applicants

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
PERSONAL INTERVIEW	V	H	12	1.000	241	86.5	21.1	244	1.58	2.24	243	2.48	1.15	246	3.08	0.73
Employers of 1962		L	4	0.914	111	82.6	27.0	113	1.62	3.16	113	2.49	1.13	115	3.09	0.79
Graduates			t_U =	.80	t =	1.47		t =	.12		t =	.14		t =	.12	
	C	H	10	1.000	188	85.6	21.5	182	1.39	2.09	187	2.08	1.11	188	3.04	0.69
		L	3	0.871	65	82.9	26.1	69	1.45	1.80	65	2.52	1.09	65	3.26	0.83
(C-2, 16.1)			t_U =	.76	t =	.84		t =	.23		t =	-2.77^{**}		t =	2.05^{*}	
Potential Employers	V	H	8	1.000	189	89.6	19.7	196	1.12	2.20	197	2.87	1.08	199	3.23	0.71
		L	8	0.931	163	80.2	25.8	161	2.17	2.85	159	2.01	1.04	162	2.90	0.76
			t_U =	1.65	t =	3.89^{**}		t =	3.95^{**}		t =	7.54^{**}		t =	4.34^{**}	
	C	H	7	1.000	153	86.8	22.5	153	1.23	1.84	150	2.32	1.13	151	3.16	0.75
		L	6	0.939	100	82.1	23.0	98	1.68	2.23	102	2.01	1.07	102	3.00	0.70
(C-2, 16.1)			t_U =	1.86	t =	1.61		t =	1.76		t =	2.19^{*}		t =	1.76	
EMPLOYMENT APPLICATION	V	H	8	0.824	168	86.4	20.2	166	1.49	1.91	166	2.44	1.16	168	3.06	0.72
REVIEW		L	8	0.417	184	84.2	25.6	191	1.69	3.02	190	2.52	1.14	193	3.10	0.78
Employers of 1962			t_U =	3.25^{**}	t =	.89		t =	.73		t =	.66		t =	.41	
Graduates	C	H	7	0.740	144	85.7	21.9	147	1.44	1.95	145	2.07	1.11	144	3.11	0.75
		L	6	0.428	109	83.9	23.9	104	1.35	2.10	107	2.37	1.11	109	3.09	0.72
(C-2, 16.2)			t_U =	.39	t =	.63		t =	.36		t =	-2.16^{*}		t =	.25	
Potential Employers	V	H	8	0.647	141	84.9	22.3	145	1.84	2.61	143	2.39	1.09	144	2.99	0.73
		L	8	0.337	211	85.5	23.8	212	1.42	2.52	213	2.55	1.18	217	3.14	0.76
			t_U =	.50	t =	.25		t =	1.52		t =	1.30		t =	1.95	
	C	H	7	0.713	162	85.9	23.0	165	1.29	1.88	160	2.34	1.09	161	3.09	0.77
		L	6	0.370	91	83.2	22.4	86	1.63	2.23	92	1.95	1.13	92	3.11	0.67
(C-2, 16.2)			t_U =	1.37	t =	.89		t =	1.29		t =	2.67^{**}		t =	.11	
APTITUDE TESTING	V	H	8	0.490	160	86.9	21.5	162	1.54	2.17	161	2.42	1.14	164	3.11	0.73
Employers of 1962		L	8	0.250	192	83.8	24.5	195	1.64	2.85	195	2.53	1.15	197	3.06	0.76
Graduates			t_U =	.53	t =	1.25		t =	.37		t =	.90		t =	.67	
	C	H	7	0.312	154	86.2	22.5	155	1.23	1.85	153	2.40	1.08	154	3.17	0.74
		L	6	0.098	99	83.0	23.1	96	1.68	2.23	99	1.88	1.10	99	2.99	0.70
(C-2, 16.3)			t_U =	2.40^{*}	t =	1.10		t =	1.72		t =	3.72^{**}		t =	1.96	
Potential Employers	V	H	8	0.218	165	82.3	24.7	170	1.92	2.85	167	2.10	1.09	170	3.00	0.76
		L	8	0.048	187	87.8	21.5	187	1.30	2.23	189	2.82	1.08	191	3.15	0.74
			t_U =	.55	t =	-2.21^{*}		t =	-2.30^{*}		t =	-6.25^{**}		t =	1.85	
	C	H	6	0.273	132	83.3	25.6	132	1.42	2.05	130	2.42	1.10	131	3.14	0.78
		L	7	0.065	121	86.7	19.1	119	1.39	1.98	122	1.96	1.09	122	3.05	0.68
(C-2, 16.3)			t_U =	.14	t =	1.17		t =	.09		t =	3.34^{**}		t =	.96	
TRADE INFORMATION TEST		H	8	0.316	185	86.8	21.7	187	1.33	1.94	184	2.55	1.12	187	3.15	0.69
(Oral or Written)		L	8	0.081	167	83.5	24.6	170	1.89	3.09	172	2.41	1.17	174	3.01	0.80
Employers of 1962			t_U =	1.69	t =	1.36		t =	2.07^{*}		t =	1.09		t =	1.72	
Graduates		H	7	0.230	145	84.0	24.0	142	1.52	2.34	142	2.25	1.03	144	3.07	0.75
		L	6	0.000	108	86.2	21.1	109	1.26	1.48	110	2.13	1.22	109	3.14	0.71
(C-2, 16.4)			t_U =	.18	t =	.76		t =	1.03		t =	.81		t =	.72	
Potential Employers	V	H	8	0.280	162	84.3	22.6	162	1.88	2.68	162	2.24	1.15	164	2.98	0.79
		L	8	0.075	190	86.0	23.7	195	1.36	2.45	194	2.69	1.10	197	3.16	0.70
			t_U =	.69	t =	.68		t =	1.90		t =	-3.76^{**}		t =	-2.34^{*}	
	C	H	6	0.230	113	82.6	24.8	109	1.64	2.52	110	2.32	1.08	112	3.08	0.72
		L	7	0.033	140	86.8	20.9	142	1.22	1.49	142	2.10	1.14	141	3.12	0.74
(C-2, 16.4)			t_U =	.10	t =	1.49		t =	1.64		t =	1.54		t =	.43	

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 41. Methods Used by Employers to Screen Applicants (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
CHECK ON EMPLOYER	V	H	8	0.847	147	83.8	23.7	154	1.85	2.88	150	2.42	1.14	151	3.00	0.77
REFERENCES		L	8	0.540	205	86.3	22.8	203	1.40	2.28	206	2.53	1.15	210	3.14	0.73
Employers of 1962			t_U =	.14	t = .99			t = 1.67			t = .84			t = 1.68		
Graduates	C	H	6	0.800	108	87.1	19.4	107	1.39	2.05	108	1.89	1.07	108	2.99	0.66
		L	7	0.493	145	83.3	24.9	144	1.42	1.99	144	2.42	1.10	145	3.18	0.77
(C-2, 16.5)			t_U =	.18	t = 1.31			t = .12			t = -3.83**			t = -2.02*		
Potential Employers	V	H	8	0.815	141	87.2	21.0	145	1.51	2.35	144	2.55	1.11	146	3.14	0.68
		L	8	0.522	211	83.9	24.5	212	1.65	2.70	212	2.44	1.17	215	3.04	0.79
			t_U =	.66	t = 1.31			t = .53			t = .94			t = 1.19		
	C	H	6	0.762	121	86.0	22.4	121	1.26	2.01	119	2.30	1.10	121	3.02	0.71
		L	7	0.504	132	83.9	23.1	130	1.54	2.01	133	2.10	1.13	132	3.17	0.75
(C-2, 16.5)			t_U =	1.11	t = .73			t = 1.07			t = 1.41			t = 1.53		
CHECK ON SCHOOL	V	H	8	0.658	149	84.8	23.4	152	1.67	2.63	150	2.50	1.13	152	3.04	0.75
REFERENCES		L	8	0.316	203	85.6	23.0	205	1.54	2.52	206	2.47	1.16	209	3.11	0.75
Employers of 1962			t_U =	1.07	t = .30			t = .46			t = .26			t = .79		
Graduates	C	H	6	0.583	92	85.8	29.1	93	1.49	2.17	92	2.12	1.15	93	3.09	0.71
		L	7	0.241	161	84.4	23.7	158	1.35	1.92	160	2.24	1.10	160	3.10	0.75
(C-2, 16.6)			t_U =	1.62	t = .48			t = .52			t = .78			t = .08		
Potential Employers	V	H	8	0.646	172	89.0	19.9	180	1.21	2.35	180	2.69	1.11	183	3.25	0.67
		L	8	0.287	180	81.6	25.5	177	1.99	2.71	176	2.27	1.14	178	2.91	0.79
			t_U =	1.62	t = 3.01**			t = 2.89**			t = 2.53**			t = 4.51**		
	C	H	6	0.537	127	84.6	23.4	124	1.50	2.39	121	2.28	1.08	123	3.00	0.73
		L	7	0.197	126	85.2	22.2	127	1.31	1.56	131	2.12	1.15	130	3.19	0.72
(C-2, 16.6)			t_U =	.38	t = .22			t = .72			t = 1.13			t = -2.03*		
POLICE AND/OR FBI CHECK	V	H	8	0.341	164	83.8	23.4	163	1.79	2.59	163	2.17	1.13	165	2.96	0.77
Employers of 1962		L	8	0.064	188	86.5	23.0	194	1.43	2.54	193	2.75	1.09	196	3.19	0.72
Graduates			t_U =	1.46	t = 1.06			t = 1.35			t = -4.93**			t = -2.96**		
	C	H	7	0.289	127	86.9	21.2	129	1.32	1.92	127	2.25	1.14	127	3.16	0.74
		L	6	0.036	126	82.9	24.2	122	1.50	2.10	125	2.14	1.09	126	3.03	0.72
(C-2, 16.7)			t_U =	2.55*	t = 1.39			t = .69			t = .78			t = 1.41		
Potential Employers	V	H	8	0.150	191	86.7	20.9	192	1.37	2.23	192	2.52	1.14	195	3.14	0.74
		L	8	0.035	161	83.5	25.6	165	1.86	2.89	164	2.44	1.15	166	3.01	0.75
			t_U =	1.01	t · 1.31			t = 1.78			t = .58			t = 1.62		
	C	H	7	0.231	106	85.5	21.6	106	1.18	1.58	110	2.25	1.09	111	3.06	0.72
		L	6	0.037	147	84.5	23.6	145	1.57	2.27	142	2.16	1.14	142	3.13	0.74
(C-2, 16.7)			t_U =	.72	t = .32			t = 1.51			t = .62			t = .66		
JOB PERFORMANCE TEST	V	H	8	0.425	151	82.2	24.8	151	1.96	2.83	149	2.19	1.11	151	2.94	0.79
Employers of 1962		L	8	0.082	201	87.5	21.7	206	1.33	2.32	207	2.69	1.12	210	3.18	0.70
Graduates			t_U =	1.93	t = -2.15*			t = -2.31*			t = -4.11**			t = -3.06**		
	C	H	7	0.233	108	83.5	22.9	105	1.60	2.25	109	2.05	1.11	110	3.15	0.67
		L	6	0.006	145	86.0	22.7	146	1.26	1.81	143	2.31	1.11	143	3.06	0.78
(C-2, 16.8)			t_U =	.67	t = .85			t = 1.30			t = 1.84			t = .89		
Potential Employers	V	H	8	0.408	174	81.2	26.6	176	1.92	3.04	174	2.23	1.11	177	2.98	0.80
		L	8	0.094	178	89.2	18.5	181	1.28	1.94	182	2.73	1.13	184	3.18	0.68
			t_U =	.63	t = -3.24**			t = 02.36*			t = -4.22**			t = -2.47*		
	C	H	7	0.251	100	82.9	21.0	95	1.55	2.04	104	2.18	1.10	104	3.10	0.73
		L	6	0.034	153	86.2	23.8	156	1.31	2.00	148	2.20	1.13	149	3.10	0.74
(C-2, 16.8)			t_U =	.84	t = 1.13			t = .92			t = .15			t = .01		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 41. Methods Used by Employers to Screen Applicants (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
RETAIL CREDIT CHECK	V	H	8	0.323	158	80.5	26.8	157	2.12	2.94	154	2.10	1.09	156	2.86	0.80
Employers of 1962		L	8	0.050	194	89.1	19.0	200	1.18	2.13	202	2.78	1.10	205	3.25	0.66
Graduates			t_U =	2.08	t = -3.54**			t = -3.51**			t = -5.77**			t = -5.10**		
	C	H	7	0.176	142	85.5	22.5	138	1.40	2.28	138	2.26	1.06	140	3.03	0.72
		L	6	0.010	111	84.2	23.2	113	1.41	1.63	114	2.12	1.18	113	3.18	0.75
(C-2, 16.9)			t_U =	.47	t = .42			t = .06			t = .93			t = 1.65		
Potential Employers	V	H	8	0.137	152	85.7	21.0	154	1.74	2.45	153	2.26	1.13	154	3.00	0.75
		L	8	0.046	200	84.9	24.8	203	1.49	2.65	203	2.65	1.13	207	3.14	0.74
			t_U =	1.07	t = .32			t = .90			t = -3.24**			t = 1.79		
	C	H	6	0.291	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
		L	7	0.060	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
(C-2, 16.9)			t_U =	.67	t = .24			t = 1.04			t = .03			t = .05		
CHECK OF APPLICANT'S	V	H	8	0.407	162	85.2	21.8	164	1.67	2.26	161	2.35	1.17	163	3.05	0.73
SCHOOL RECORD		L	8	0.185	190	85.3	24.4	193	1.53	2.80	195	2.59	1.11	198	3.11	0.76
Employers of 1962			t_U =	1.69	t = .02			t = .49			t = -1.99*			t = .68		
Graduates	C	H	6	0.532	92	85.8	21.1	93	1.49	2.17	92	2.12	1.15	93	3.09	0.71
		L	7	0.209	173	83.9	24.2	171	1.44	2.04	172	2.22	1.08	172	3.09	0.73
(C-2, 16.10)			t_U =	1.88	t = .66			t = .18			t = .70			t = .01		
Potential Employers	V	H	8	0.377	175	86.2	22.0	181	1.47	2.66	180	2.64	1.10	181	3.13	0.72
		L	8	0.164	177	84.3	24.3	176	1.72	2.46	176	2.32	1.17	180	3.03	0.77
			t_U =	.17	t = .78			t = .91			t = 2.71**			t = 1.31		
	C	H	6	0.502	127	84.6	23.4	124	1.50	2.39	1.21	2.28	1.08	123	3.00	0.73
		L	7	0.094	126	85.2	22.2	127	1.31	1.56	1.31	2.12	1.15	130	3.19	0.72
(C-2, 16.10)			t_U =	.38	t = .22			t = .72			t = 1.13			t = -2.03*		
OTHER THAN ABOVE	V	H	8	0.178	187	82.1	25.4	191	1.72	2.70	188	2.28	1.13	192	3.02	0.77
Employers of 1962		L	8	0.007	165	88.8	19.9	166	1.45	2.40	168	2.71	1.12	169	3.14	0.72
Graduates			t_U =	.29	t = -2.70**			t = 1.02			t = -3.59**			t = 1.52		
	C	H	6	0.205	103	85.4	22.4	104	1.46	2.08	103	2.28	1.18	103	3.20	0.73
		L	7	0.022	150	84.6	23.0	147	1.37	1.97	149	2.14	1.07	150	3.03	0.73
(C-2, 16.11)			t_U =	1.16	t = .29			t = .36			t = .97			t = 1.83		
Potential Employers	V	H	8	0.177	192	84.2	22.5	194	1.63	2.45	192	2.39	1.15	195	3.06	0.76
		L	8	0.005	160	86.5	24.0	163	1.56	2.69	164	2.59	1.13	166	3.10	0.74
			t_U =	.90	t = .92			t = .26			t = 1.66			t = .47		
	C	H	6	0.212	112	83.7	23.1	112	1.50	2.06	114	2.21	1.13	113	3.13	0.71
		L	7	0.040	141	85.9	22.6	139	1.33	1.97	138	2.19	1.11	140	3.07	0.75
(C-2, 16.11)			t_U =	.14	t = .74			t = .64			t = .16			t = .58		
VARIETY OF SCREENING	V	H	8	5.330	160	83.5	23.1	161	1.88	2.69	159	2.22	1.14	160	2.92	0.80
METHODS USED		L	8	3.356	192	86.7	23.2	196	1.36	2.43	197	2.69	1.11	201	3.21	0.68
Employers of 1962			t_U =	1.52	t = 1.27			t = 1.88			t = -3.93**			t = -3.81**		
Graduates	C	H	7	4.601	139	85.8	22.7	136	1.44	2.31	135	2.17	1.09	137	3.07	0.72
		L	6	2.869	114	83.8	22.9	115	1.37	1.60	117	2.22	1.15	116	3.13	0.75
(C-2, 16V)			t_U =	.81	t = .68			t = .29			t = .35			t = .70		
Potential Employers	V	H	8	4.480	156	84.8	23.0	163	1.72	2.88	161	2.53	1.13	162	3.08	0.76
		L	8	2.918	196	85.6	23.4	194	1.49	2.27	195	2.45	1.16	199	3.08	0.74
			t_U =	.11	t = .30			t = .86			t = .66			t = .09		
	C	H	6	4.436	118	85.5	23.4	117	1.26	2.03	117	2.32	1.07	119	3.07	0.71
		L	7	2.934	135	84.4	22.3	134	1.53	1.99	135	2.08	1.15	134	3.12	0.75
(C-2, 16V)			t_U =	1.21	t = .37			t = 1.04			t = 1.70			t = .53		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 42. Sources of Personnel Used by Employers

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
STATE EMPLOYMENT	V	H	7	30.255	159	86.3	22.1	166	1.50	2.45	163	2.61	1.13	166	3.18	0.71
SERVICES		L	8	8.937	181	84.3	24.2	178	1.61	2.61	180	2.38	1.17	182	2.99	0.79
Employers Of 1962			t_u =	2.05	t = .77			t = .40			t = 1.82			t = 2.29*		
Graduates	C	H	7	16.809	144	86.8	21.5	143	1.26	1.91	143	2.04	1.12	144	2.99	0.67
		L	6	2.696	109	82.4	24.2	108	1.60	2.13	109	2.40	1.09	109	3.24	0.79
(C-2, 17.1)			t_u =	.18	t = 1.52			t = 1.31			t = -2.61**			t = -2.65**		
Potential Employers	V	H	8	22.209	180	81.9	26.2	179	1.77	2.54	176	2.34	1.13	180	3.02	0.75
		L	8	9.425	172	88.7	19.0	178	1.42	2.58	180	2.62	1.14	181	3.14	0.74
			t_u =	2.87*	t = -2.77**			t = 1.28			t = -2.30*			t = 1.58		
	C	H	6	27.519	122	86.1	22.4	118	1.29	2.02	121	2.01	1.11	122	3.00	0.66
		L	7	8.199	131	83.8	23.1	133	1.51	2.00	131	2.37	110	131	3.19	0.79
(C-2, 17.1)			t_u =	1.52	t = .81			t = .85			t = -2.58*			t = -2.05*		
PRIVATE EMPLOYMENT	V	H	8	5.412	197	84.3	23.6	198	1.69	2.70	199	2.55	1.14	201	3.06	0.76
AGENCIES		L	7	0.266	143	86.5	22.7	146	1.37	2.27	144	2.41	1.17	147	3.11	0.75
Employers Of 1962			t_u =	.26	t = .87			t = 1.16			t = 1.09			t = .64		
Graduates	C	H	6	4.374	136	82.0	25.6	132	1.71	2.52	130	2.14	1.05	132	3.00	0.74
		L	7	0.226	117	88.4	18.5	119	1.07	1.14	122	2.25	1.18	121	3.20	0.71
(C-2, 17.2)			t_u =	-2.81*	t = -2.23*			t = -2.55*			t = .74			t = -2.17*		
Potential Employers	V	H	8	4.773	168	83.1	23.5	169	1.87	2.64	166	2.24	1.15	168	2.97	0.78
		L	8	0.214	184	87.2	22.8	188	1.34	2.47	190	2.69	1.10	193	3.18	0.71
			t_u =	1.52	t = 1.65			t = -1.96*			t = -3.79**			t = -2.70**		
	C	H	6	4.627	129	85.7	21.8	129	1.29	1.81	129	2.38	1.15	129	3.13	0.74
		L	7	0.969	124	84.1	23.8	122	1.52	2.20	123	2.00	1.05	124	3.06	0.72
(C-2, 17.2)			t_u =	.71	t = .55			t = .90			t = 2.69**			t = .74		
PRIVATE SCHOOL SOURCES	V	H	8	5.180	188	88.5	19.4	188	1.29	2.00	189	2.81	1.09	190	3.17	.68
Employers Of 1962		L	7	0.000	152	81.1	26.6	156	1.87	3.02	154	2.10	1.11	158	2.96	0.82
Graduates			t_u =	1.09	t = 2.95**			t = 2.13*			t = 5.89**			t = 2.61*		
	C	H	6	1.588	141	86.8	22.6	143	1.27	1.89	137	2.33	1.14	138	3.17	0.76
		L	7	0.000	112	82.5	22.9	108	1.58	2.15	115	2.04	1.07	115	3.01	0.70
(C-2, 17.3)			t_u =	2.17*	t = 1.49			t = 1.18			t = 2.07*			t = 1.66		
Potential Employers	V	H	8	1.802	202	85.3	24.0	202	1.29	2.33	202	2.48	1.12	207	3.15	0.72
		L	8	0.011	150	85.2	22.1	155	1.99	2.80	154	2.49	1.18	154	2.99	0.77
			t_u =	.93	t = .02			t = 2.55*			t = .04			t = 1.98*		
	C	H	6	1.335	120	86.7	20.4	118	1.22	1.84	120	2.25	1.11	121	3.05	0.71
		L	7	0.000	133	83.4	24.7	133	1.57	2.15	132	2.14	1.13	132	3.14	0.75
(C-2, 17.3)			t_u =	.80	t = 1.15			t = 1.35			t = .80			t = .96		
PUBLIC HIGH SCHOOL	V	H	7	13.958	166	86.4	22.8	171	1.34	2.51	169	2.79	1.07	170	3.17	0.72
SOURCES		L	8	2.282	174	84.1	23.6	173	1.26	2.53	174	2.20	1.16	178	3.00	0.78
Employers Of 1962			t_u =	.81	t = .91			t = 1.54			t = 4.93**			t = 2.10*		
Graduates	C	H	6	12.992	128	82.3	25.2	124	1.67	2.53	122	2.18	1.09	1.24	2.99	0.70
		L	7	1.290	125	87.6	19.7	127	1.14	1.28	130	2.21	1.14	1.29	3.20	0.75
(C-2, 17.4)			t_u =	1.69	t = 1.83			t = -2.09*			t = .19			t = -2.28*		
Potential Employers	V	H	8	16.231	188	87.4	20.7	192	1.38	2.51	194	2.53	1.17	196	3.12	0.77
		L	8	3.929	164	82.8	25.6	165	1.85	2.61	162	2.42	1.12	165	3.03	0.72
			t_u =	1.46	t = 1.87			t = 1.73			t = .87			t = 1.18		
	C	H	7	7.780	143	84.9	23.0	144	1.34	1.91	142	2.43	1.14	143	3.15	0.74
		L	6	0.588	110	84.9	22.6	107	1.49	2.14	110	1.90	1.02	110	3.03	0.71
(C-2, 17.4)			t_u =	1.08	t = .01			t = .60			t = 3.80**			t = 1.21		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 42. Sources of Personnel Used by Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
NEWSPAPER ADVERTISING	V	H	7	22.134	196	85.0	23.5	193	1.45	2.32	194	2.53	1.16	197	3.12	0.73
Employers Of 1962		L	8	2.168	144	85.5	22.8	151	1.69	2.77	149	2.44	1.14	151	3.03	0.78
Graduates			t_v =	1.36	t = .22			t = .89			t = .69			t = 1.05		
	C	H	6	22.241	140	83.6	24.0	138	1.56	2.24	136	2.30	1.12	136	3.06	0.79
		L	7	5.310	113	86.5	21.2	113	1.21	1.68	116	2.07	1.10	117	3.14	0.67
(C-2, 17.5)			t_v =	.59	t = 1.01			t = 1.38			t = 1.66			t = .79		
Potential Employers	V	H	8	16.882	207	86.2	21.3	210	1.46	2.30	209	2.55	1.17	212	3.14	0.74
		L	8	5.366	145	83.9	25.6	147	1.78	2.89	147	2.39	1.11	149	2.99	0.75
			t_v =	.27	t = .90			t = 1.15			t = 1.29			t = 1.87		
	C	H	6	27.089	142	84.2	24.9	143	1.39	2.07	138	2.31	1.13	139	3.07	0.73
		L	7	8.203	111	85.9	19.8	108	1.42	1.94	114	2.05	1.09	114	3.13	0.73
(C-2, 17.5)			t_v =	.35	t = .59			t = .13			t = 1.85			t = .67		
LABOR ORGANIZATION	V	H	8	13.074	205	82.9	24.6	204	1.70	2.62	203	2.35	1.14	207	3.05	0.77
CONTACTS		L	7	0.804	135	88.7	20.5	140	1.34	2.39	140	2.69	1.15	141	3.12	0.74
Employers Of 1962			t_v =	1.21.	t = -2.28*			t = 1.29			t = -2.72**			t = .77		
Graduates	C	H	6	12.065	115	83.5	24.8	118	1.38	1.80	118	2.27	1.10	118	3.17	0.74
		L	7	0.065	138	86.1	21.0	133	1.43	2.18	134	2.13	1.14	135	3.04	0.72
(C-2, 17.6)			t_v =	.14	t = .92			t = .22			t = .95			t = 1.44		
Potential Employers	V	H	8	17.378	180	86.1	21.4	180	1.47	2.35	182	2.51	1.14	185	3.13	0.69
		L	8	2.612	172	84.4	24.9	177	1.72	2.76	174	2.45	1.16	176	3.03	0.80
			t_v =	.69	t = .67			t = .92			t = .52			t = 1.28		
	C	H	6	22.222	86	83.9	21.7	81	1.57	2.13	87	1.99	1.14	87	3.02	0.72
		L	7	3.743	167	85.4	23.3	170	1.33	1.95	165	2.30	1.09	166	3.14	0.73
(C-2, 17.6)			t_v =	1.27	t = .51			t = .87			t = -2.10*			t = 1.27		
PROMOTION FROM	V	H	8	23.264	155	86.7	22.6	155	1.49	2.58	157	2.38	1.14	160	3.07	0.73
WITHIN COMPANY		L	7	2.702	185	84.0	23.7	189	1.61	2.49	186	2.58	1.16	188	3.09	0.77
Employers Of 1962			t_v =	.33	t = 1.10			t = .40			t = 1.60			t = .23		
Graduates	C	H	6	29.676	135	85.0	23.3	132	1.53	2.35	130	2.01	1.09	131	3.00	0.70
		L	7	5.633	118	84.8	22.2	119	1.26	1.55	122	2.39	1.12	122	3.20	0.76
(C-2, 17.7)			t_v =	.59	t = .08			t = 1.07			t = -2.68**			t = -2.19*		
Potential Employers	V	H	8	12.676	151	86.6	20.8	156	1.60	2.58	155	2.48	1.12	157	3.13	0.70
		L	8	1.190	201	84.3	24.9	201	1.59	2.55	201	2.49	1.16	204	3.04	0.78
			t_v =	.34	t = .92			t = .03			t = .09			t = 1.11		
	C	H	6	15.910	135	85.0	23.3	132	1.53	2.35	130	2.01	1.09	131	3.00	0.70
		L	7	3.604	118	84.8	22.2	119	1.26	1.55	122	2.39	1.12	122	3.20	0.76
(C-2, 17.7)			t_v =	.59	t = .08			t = 1.07			t = -2.68**			t = -2.19*		
DIRECT INQUIRY OR	V	H	8	38.501	167	83.2	25.6	166	1.68	2.69	166	2.27	1.13	169	2.96	0.79
VISIT BY APPLICANT		L	7	11.660	173	87.1	20.6	178	1.44	2.37	177	2.70	1.13	179	3.19	0.70
Employers Of 1962			t_v =	1.06	t = 1.55			t = .85			t = -3.58**			t = -2.98**		
Graduates	C	H	7	47.177	121	87.9	20.0	124	1.11	1.39	124	2.30	1.16	124	3.23	0.72
		L	6	22.574	143	82.1	25.0	136	170	2.40	138	2.11	1.07	139	2.98	0.72
(C-2, 17.8)			t_v =	2.95*	t = 2.05*			t = 2.37*			t = 1.42			t = 2.79**		
Potential Employers	V	H	8	49.415	168	84.6	25.2	169	1.70	2.80	170	2.56	1.12	172	3.04	0.76
		L	8	19.591	184	85.8	21.2	188	1.50	2.33	186	2.41	1.16	189	3.12	0.74
			t_v =	.27	t = .49			t = .73			t = 1.26			t = 1.02		
	C	H	6	43.213	120	82.7	23.6	114	1.66	2.39	119	2.22	1.05	120	3.11	0.75
		L	7	10.950	133	86.9	21.9	137	1.20	1.01	133	2.17	1.18	133	3.09	0.72
(C-2, 17.8)			t_v =	1.08	t = 1.45			t = 1.80			t = .36			t = .24		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 42. Sources of Personnel Used by Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
RECALL OF PREVIOUSLY LAID-OFF WORKERS Employers of 1962 Graduates (C-2, 17.9)	V	H	8	5.970	168	87.8	20.3	168	1.37	2.31	170	2.59	1.12	172	3.09	0.74
		L	7	0.580	172	82.7	25.6	176	1.73	2.71	173	2.40	1.18	176	3.07	0.77
			$\underline{t}_U$ = .41		$\underline{t}$ = 2.04*			$\underline{t}$ = 1.29			$\underline{t}$ = 1.56			$\underline{t}$ = .30		
	C	H	7	2.101	158	86.9	21.6	157	1.34	2.07	155	2.21	1.12	155	3.10	0.74
		L	6	0.017	95	81.6	24.4	94	1.51	1.92	97	2.17	1.11	98	3.09	0.72
			$\underline{t}_U$ = 1.42		$\underline{t}$ = 1.78			$\underline{t}$ = .63			$\underline{t}$ = .33			$\underline{t}$ = .15		
Potential Employers (C-2, 17.9)	V	H	8	5.384	171	84.8	22.5	174	1.74	2.66	175	2.43	1.14	177	3.06	0.72
		L	8	1.002	181	85.6	23.9	183	1.45	2.46	181	2.53	1.15	184	3.10	0.78
			$\underline{t}_U$ = 1.07		$\underline{t}$ = .33			$\underline{t}$ = 1.06			$\underline{t}$ = .83			$\underline{t}$ = .40		
	C	H	6	4.421	98	79.9	26.0	95	1.78	2.42	98	2.12	1.06	99	3.07	0.73
		L	7	0.492	155	88.1	19.9	156	1.18	1.68	154	2.24	1.15	154	3.12	0.74
			$\underline{t}_U$ = 1.80		$\underline{t}$ = -2.81**			$\underline{t}$ = -2.32*			$\underline{t}$ = .80			$\underline{t}$ = .48		
OTHER THAN ABOVE Employers of 1962 Graduates (C-2, 17.10)	V	H	8	9.123	203	85.4	22.4	200	1.44	2.26	202	2.44	1.14	206	3.11	0.73
		L	7	0.522	137	85.0	24.4	144	1.72	2.86	141	2.56	1.17	142	3.03	0.78
			$\underline{t}_U$ = 1.58		$\underline{t}$ = .14			$\underline{t}$ = 1.03			$\underline{t}$ = .94			$\underline{t}$ = 1.03		
	C	H	6	14.423	110	88.7	17.6	111	.98	1.06	114	2.33	1.12	113	3.17	0.73
		L	7	0.765	143	82.0	25.7	140	1.74	2.48	138	2.08	1.11	140	3.04	0.73
			$\underline{t}_U$ = 2.03		$\underline{t}$ = 2.31*			$\underline{t}$ = 2.98**			$\underline{t}$ = 1.79			$\underline{t}$ = 1.32		
Potential Employers (C-2, 17.10)	V	H	8	7.932	175	84.2	24.4	172	1.60	2.41	172	2.41	1.16	175	3.06	0.75
		L	8	0.540	177	86.2	21.9	185	1.59	2.70	184	2.55	1.13	186	3.10	0.75
			$\underline{t}_U$ = 3.77**		$\underline{t}$ = .81			$\underline{t}$ = .02			$\underline{t}$ = 1.09			$\underline{t}$ = .49		
	C	H	7	14.478	168	86.5	21.6	169	1.24	1.81	167	2.24	1.10	167	3.09	0.73
		L	6	0.147	85	81.8	24.7	82	1.74	2.35	85	2.12	1.15	86	3.11	0.75
			$\underline{t}_U$ = .59		$\underline{t}$ = 1.57			$\underline{t}$ = 1.81			$\underline{t}$ = .81			$\underline{t}$ = .19		
VARIETY OF SOURCES USED Employers of 1962 Graduates (C-2, 17V)	V	H	7	3.574	160	88.4	19.4	163	1.19	1.93	163	2.71	1.07	166	3.22	0.66
		L	8	2.270	180	82.4	25.8	181	1.88	2.93	180	2.29	1.19	182	2.95	0.81
			$\underline{t}_U$ = .15		$\underline{t}$ = 2.37*			$\underline{t}$ = 2.54*			$\underline{t}$ = 3.39**			$\underline{t}$ = 3.44**		
	C	H	6	3.308	130	85.3	24.2	130	1.38	2.14	126	2.10	1.12	128	3.03	0.70
		L	7	2.170	123	84.5	21.2	121	1.44	1.88	126	2.29	1.11	125	3.16	0.76
			$\underline{t}_U$ = .06		$\underline{t}$ = .28			$\underline{t}$ = .24			$\underline{t}$ = 1.30			$\underline{t}$ = 1.42		
Potential Employers (C-2, 17V)	V	H	8	3.229	165	87.7	20.6	171	1.28	2.25	170	2.66	1.12	173	3.20	0.69
		L	8	2.094	187	83.1	25.1	186	1.89	2.79	186	2.32	1.15	188	2.97	0.79
			$\underline{t}_U$ = .11		$\underline{t}$ = 1.85			$\underline{t}$ = 2.25*			$\underline{t}$ = 2.74**			$\underline{t}$ = 2.94**		
	C	H	6	3.112	131	83.2	24.5	128	1.63	2.50	126	2.16	1.07	128	3.01	0.70
		L	7	2.211	122	86.8	20.7	123	1.17	1.29	126	2.23	1.16	125	3.19	0.76
			$\underline{t}_U$ = 1.32		$\underline{t}$ = 1.28			$\underline{t}$ = 1.84			$\underline{t}$ = .48			$\underline{t}$ = 1.96		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 43. Employment Policies and Practices in Specific Trades

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
NEW HIRES IN TRADE	V	H	8	1.493	168	87.5	21.6	168	1.47	2.53	169	2.68	1.13	170	3.10	0.76
Employers of 1962		L	8	0.731	184	83.2	24.5	189	1.71	2.59	187	2.31	1.14	191	3.07	0.74
Graduates			t_U = 1.16		t = 1.75			t = .87			t = 3.10**			t = .39		
	C	H	6	1.159	148	85.4	23.3	150	1.45	2.24	143	2.37	1.08	144	3.12	0.76
(C-2, 18.2)		L	7	0.370	105	84.3	22.0	101	1.33	1.63	109	1.97	1.13	109	3.07	0.69
			t_U = 2.10		t = .37			t = .47			t = 2.78**			t = .52		
Potential	V	H	8	1.275	145	83.8	23.1	148	1.91	2.50	144	2.19	1.13	146	3.01	0.73
Employers		L	8	0.794	207	86.3	23.2	209	1.37	2.59	212	2.68	1.12	215	3.13	0.76
			t_U = 1.13		t = .99			t = 1.95			t = -4.06**			t = 1.57		
	C	H	7	1.316	143	85.6	23.5	144	1.36	2.07	141	2.11	1.12	143	3.05	0.69
		L	6	0.770	110	84.1	21.9	107	1.47	1.94	111	2.30	1.11	110	3.16	0.78
(C-2, 18.2)			t_U = .43		t = .51			t = .43			t = 1.36			t = 1.22		
TREND IN EMPLOYMENT (Last 5 Years)	V	H	7	6.796	138	86.6	21.5	137	1.56	2.52	138	2.55	1.14	139	3.03	0.75
		L	8	3.908	202	84.3	24.3	207	1.55	2.54	205	2.45	1.16	209	3.11	0.76
Employers of 1962			t_U = .98		t = .88			t = .05			t = .80			t = .90		
Graduates	C	H	5	8.156	129	84.8	23.5	130	1.40	1.99	128	2.27	1.11	128	3.15	0.73
		L	8	3.510	124	85.0	22.0	121	1.41	2.04	124	2.11	1.12	125	3.05	0.73
(C-2, 18.3)			t_U = .08		t = .09			t = .07			t = 1.13			t = 1.13		
Potential	V	H	8	4.651	147	88.1	19.4	151	1.51	2.46	152	2.56	1.14	154	3.15	0.71
Employers		L	8	3.019	205	83.2	25.4	206	1.66	2.64	204	2.43	1.15	207	3.03	0.77
			t_U = .58		t = 1.96*			t = .54			t = 1.04			t = 1.52		
	C	H	6	4.504	107	84.5	23.4	106	1.46	2.13	106	2.26	1.18	108	3.14	0.71
(C-2, 18.3)		L	7	2.730	146	85.2	22.4	145	1.37	1.93	146	2.15	1.07	145	3.06	0.75
			t_U = .50		t = .23			t = .35			t = .72			t = .84		
NEED FOR QUALIFIED MEN	V	H	8	0.948	190	87.8	20.5	188	1.41	2.30	191	2.77	1.11	192	3.11	0.75
Employers of 1962		L	8	0.349	162	82.2	25.7	169	1.80	2.82	165	2.15	1.10	169	3.04	0.75
Graduates			t_U = .79		t = 2.25*			t = 1.45			t = 5.26**			t = .89		
	C	H	6	0.846	150	85.9	23.0	153	1.29	1.89	149	2.24	1.11	149	3.08	0.73
(C-2, 18.5)		L	7	0.288	103	83.5	22.5	98	1.58	2.18	103	2.13	1.13	104	3.12	0.74
			t_U = .93		t = .83			t = 1.12			t = .81			t = .39		
Potential	V	H	8	0.996	173	85.1	22.8	178	1.67	2.55	175	2.62	1.10	177	3.14	0.70
Employers		L	8	0.484	179	85.4	23.6	179	1.52	2.58	181	2.35	1.17	184	3.02	0.79
			t_U = .58		t = .13			t = .53			t = 2.29 *			t = 1.51		
	C	H	7	0.796	134	83.9	24.3	131	1.37	2.13	133	2.21	1.10	135	3.03	0.68
(C-2, 18.5)		L	6	0.323	119	86.1	20.9	120	1.44	1.88	119	2.18	1.14	118	3.18	0.79
			t_U = 1.07		t = .77			t = .26			t = .18			t = 1.70		
APPRENTICESHIP PROGRAMS	V	H	8	1.087	171	86.7	21.4	170	1.64	2.51	172	2.67	1.15	173	3.06	0.78
Employers of 1962		L	8	0.412	181	83.9	24.7	187	1.55	2.62	184	2.30	1.11	188	3.10	0.72
Graduates			t_U = .50		t = 1.15			t = .32			t = 3.07**			t = .51		
	C	H	6	0.936	148	83.4	25.4	151	1.48	2.11	146	2.28	1.09	147	3.12	0.76
(C-2, 18.6)		L	7	0.212	105	87.0	18.3	100	1.29	1.86	106	2.08	1.15	106	3.07	0.70
			t_U = .35		t = 1.23			t = .72			t = 1.44			t = .58		
Potential	V	H	8	0.747	145	87.8	19.4	146	1.69	2.43	148	2.55	1.17	149	3.07	0.73
Employers		L	8	0.360	207	83.5	25.4	211	1.53	2.66	208	2.43	1.13	212	3.09	0.76
			t_U = .37		t = 1.71			t = .59			t = .99			t = .21		
	C	H	6	0.906	121	83.1	24.7	119	1.72	2.50	117	2.15	1.11	119	3.08	0.75
		L	7	0.518	132	86.6	20.8	132	1.12	1.39	135	2.23	1.13	134	3.11	0.72
(C-2, 18.6)			t_U = .51		t = 1.23			t = -2.40 *			t = .58			t = .38		

* significant at the .05 level of confidence

** significant at the .01 level of confidence

Table 43. Employment Policies and Practices in Specific Trades (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
SCHOOL CO-OP PROGRAM	V H	8	0.522	188	85.8	23.0	186	1.61	2.62	189	2.61	1.15	190	3.04	0.77
Employers of 1962	V L	8	0.081	164	84.6	23.4	171	1.57	2.51	167	2.33	1.13	171	3.13	0.73
Graduates		t_U = .42		t = .51			t = .15			t = 2.33 *			t = 1.11		
	C H	5	0.444	112	83.5	24.7	109	1.47	2.25	108	2.22	1.09	110	3.05	0.70
	C L	8	0.000	141	86.1	21.1	142	1.36	1.81	144	2.18	1.14	143	3.13	0.75
(C-2, 18.7)		t_U = 1.37		t = .89			t = .44			t = .31			t = .85		
	V H	8	0.422	189	88.1	20.2	189	1.25	2.12	191	2.58	1.12	194	3.17	0.72
Potential Employers	V L	8	0.095	163	82.0	25.9	168	1.98	2.94	165	2.36	1.16	167	2.97	0.77
		t_U = .58		t = 2.47 *			t = 2.71 **			t = 1.81			t = 2.57 *		
(C-2, 18.7)	C H	6	0.239	137	83.4	24.9	135	1.59	2.46	131	2.18	1.06	133	3.02	0.72
	C L	7	0.019	117	85.6	22.2	117	1.25	1.53	119	2.29	1.18	119	3.20	0.76
		t_U = .29		t = .74			t = 1.30			t = .72			t = 1.86		
IMMEDIATE HIRE of	V H	8	1.534	154	86.6	23.2	156	1.53	2.62	155	2.58	1.11	157	3.07	0.77
VOCATIONAL GRADUATES	V L	8	0.739	198	84.2	23.2	201	1.64	2.52	201	2.41	1.17	204	3.09	0.74
Employers of 1962		t_U = .34		t = .99			t = .42			t = 1.37			t = .26		
Graduates	C H	7	1.216	163	85.7	22.5	165	1.30	1.85	163	2.26	1.11	163	3.12	0.73
	C L	6	0.568	90	83.5	23.3	86	1.60	2.28	89	2.08	1.13	90	3.06	0.74
(C-2, 18.8)		t_U = .98		t = .72			t = 1.12			t = 1.26			t = .67		
Potential Employers	V H	8	1.069	173	89.4	18.5	174	1.31	2.33	178	2.74	1.14	179	3.17	0.72
	V L	8	0.778	179	81.3	26.4	183	1.86	2.74	178	2.23	1.10	182	2.99	0.77
		t_U = .29		t = 3.31 **			t = 2.01 *			t = 4.32 **			t = 2.30 *		
(C-2, 18.8)	C H	6	1.147	124	86.3	21.7	123	1.26	1.98	122	2.31	1.08	124	3.08	0.72
	C L	7	0.627	129	83.6	23.8	128	1.54	2.04	130	2.09	1.14	129	3.12	0.74
		t_U = 1.07		t = .94			t = 1.10			t = 1.58			t = .39		
POLICY of HIRING	V H	8	1.728	190	88.8	19.5	193	1.16	2.02	193	2.80	1.07	195	3.23	0.66
PERSONS UNDER 21	V L	8	0.876	162	81.1	26.4	164	2.11	3.01	163	2.10	1.12	166	2.90	0.81
Employers of 1962		t_U = .96		t = 3.13 **			t = 3.53 **			t = 6.05 **			t = 4.30 **		
Graduates	C H	6	1.485	154	85.6	23.8	158	1.32	2.00	151	2.29	1.09	152	3.11	0.74
	C L	7	0.717	99	83.8	21.0	93	1.55	2.03	101	2.06	1.15	101	3.09	0.73
(C-2, 18.9)		t_U = 1.21		t = .62			t = .87			t = 1.61			t = .18		
	V H	8	1.563	184	86.0	20.6	187	1.50	2.21	186	2.42	1.14	189	3.14	0.71
Potential Employers	V L	8	0.968	168	84.4	25.8	170	1.70	2.90	170	2.55	1.15	172	3.02	0.73
		t_U = .50		t = .67			t = .71			t = .99			t = 1.49		
	C H	7	1.343	136	86.3	21.7	133	1.21	1.91	135	2.31	1.07	137	3.08	0.71
(C-2, 18.9)	C L	6	0.852	117	83.3	24.0	118	1.63	2.10	117	2.07	1.16	116	3.11	0.76
		t_U = .85		t = 1.04			t = 1.65			t = 1.67			t = .32		
LABOR ORGANIZATION	V H	8	1.161	168	84.3	23.8	168	1.66	2.70	170	2.37	1.12	174	3.04	0.76
REPRESENTATION	V L	8	0.372	184	86.1	22.7	189	1.54	2.44	186	2.59	1.16	187	3.12	0.74
Employers of 1962		t_U = .45		t = .70			t = .43			t = 1.81			t = .97		
Graduates	C H	7	0.917	136	84.1	24.4	135	1.52	2.32	132	2.40	1.09	133	3.14	0.76
	C L	6	0.117	92	87.2	18.7	91	1.18	1.32	95	2.06	1.15	95	3.08	0.73
(C-2, 18.10)		t_U = .21		t = 1.03			t = 1.25			t = 2.26 *			t = .64		
	V H	8	1.020	161	84.5	22.6	159	1.84	2.56	161	2.38	1.14	163	3.02	0.71
Potential Employers	V L	8	0.227	191	85.8	23.7	198	1.39	2.56	195	2.56	1.15	198	3.13	0.78
		t_U = .42		t = .54			t = 1.64			t = 1.48			t = 1.30		
(C-2, 18.10)	C H	6	0.926	119	84.0	24.8	119	1.49	2.22	117	2.11	1.14	119	3.06	0.68
	C L	7	0.256	134	85.7	20.8	132	1.33	1.80	135	2.27	1.09	134	3.13	0.78
		t_U = .51		t = .60			t = .62			t = 1.18			t = .82		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 44. Reasons for School Initiated Contacts with Employers of 1962 Graduates

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Find a Job for Student	V	H	8	0.719	160	84.4	26.1	160	1.62	2.85	160	2.51	1.13	163	3.05	0.77
		L	8	0.163	192	86.0	20.5	197	1.57	2.31	196	2.46	1.16	198	3.11	0.73
			t_U = .77		t = .63			t = .16			t = .41			t = .67		
	C	H	7	1.045	108	83.2	22.8	105	1.63	2.25	107	2.05	1.16	108	3.08	0.69
		L	6	0.233	145	86.2	22.7	146	1.24	1.81	145	2.31	1.07	145	3.12	0.77
(C-2, 20.1)			t_U = 1.07		t = 1.03			t = 1.52			t = 1.83			t = .42		
To Place Co-op Student	V	H	8	0.438	194	86.2	23.1	195	1.28	2.32	195	2.59	1.12	199	3.14	0.76
		L	8	0.032	158	84.1	23.3	162	1.98	2.79	161	2.35	1.16	162	3.01	0.73
			t_U = .74		t = .83			t = 2.59**			t = 2.03*			t = 1.56		
	C	H	7	0.406	136	84.8	23.7	131	1.36	2.10	133	2.12	1.13	135	3.07	0.69
		L	6	0.000	117	85.0	21.7	120	1.45	1.92	119	2.28	1.11	118	3.14	0.78
(C-2, 20.2)			t_U = 1.51		t = .07			t = .33			t = 1.07			t = .75		
To Check Co-op Student's Progress	V	H	8	0.466	187	83.6	25.3	185	1.55	2.55	186	2.40	1.13	191	3.06	0.78
		L	8	0.039	165	87.2	20.5	172	1.64	2.59	170	2.57	1.15	170	3.10	0.71
			t_U = 1.04		t = 1.45			t = .32			t = 1.34			t = .53		
	C	H	6	0.566	91	85.2	22.3	88	1.28	1.78	92	2.04	1.15	93	3.10	0.66
(C-2, 20.3)		L	7	0.040	162	84.8	23.1	163	1.47	2.13	160	2.29	1.09	160	3.10	0.78
			t_U = 1.03		t = .14			t = .74			t = 1.70			t = .04		
To Discuss Curriculum Changes	V	H	8	0.295	193	84.3	25.1	191	1.52	2.48	191	2.45	1.15	195	3.07	0.76
		L	8	0.011	159	86.4	20.6	166	1.68	2.66	165	2.51	1.15	166	3.09	0.73
			t_U = 1.76		t = .87			t = .58			t = .49			t = .28		
	C	H	4	0.141	101	85.6	22.2	99	1.53	2.45	97	2.20	1.04	98	3.02	0.73
		L	9	0.000	152	84.4	23.2	152	1.33	1.67	155	2.19	1.17	155	3.15	0.73
(C-2, 20.4)			t_U = .66		t = .40			t = .77			t = .01			t = 1.29		
To Arrange "Field Trip"	V	H	8	0.185	165	84.6	24.0	165	1.60	2.38	165	2.31	1.18	169	3.06	0.75
		L	8	0.037	187	85.8	22.5	192	1.59	2.72	191	2.63	1.10	192	3.10	0.75
			t_U = .93		t = .45			t = .02			t = -2.68**			t = .52		
	C	H	6	0.247	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
		L	7	0.019	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
(C-2, 20.5)			t_U = 1.21		t = .12			t = .74			t = .30			t = .77		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 44. Reasons for School Initiated Contacts with Employers of 1962 Graduates (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Extend Invitation to School Activity	V	H	8	0.267	180	90.0	18.3	184	.99	1.84	186	2.82	1.08	189	3.26	0.65
		L	8	0.082	172	80.2	26.5	173	2.24	3.03	170	2.11	1.10	172	2.89	0.80
			$\underline{t}_U$ = .06		$\underline{t}$ = 4.02**			$\underline{t}$ = 4.70**			$\underline{t}$ = 6.17**			$\underline{t}$ = 4.86**		
	C	H	7	0.478	117	84.3	22.6	116	1.55	2.18	116	2.06	1.12	117	3.10	0.70
(C-2, 20.6)		L	6	0.034	136	85.4	23.0	135	1.28	1.85	136	2.31	1.10	136	3.09	0.76
			$\underline{t}_U$ = .18		$\underline{t}$ = .38			$\underline{t}$ = 1.02			$\underline{t}$ = 1.79			$\underline{t}$ = .12		
To Request Speaker	V	H	8	0.144	150	83.5	25.8	150	1.70	2.95	151	2.52	1.15	154	3.07	0.79
		L	8	0.024	168	87.6	20.0	175	1.51	2.31	173	2.60	1.12	174	3.13	0.68
			$\underline{t}_U$ = .80		$\underline{t}$ = 1.60			$\underline{t}$ = .66			$\underline{t}$ = .62			$\underline{t}$ = .72		
	C	H	7	0.204	142	83.8	24.4	139	1.49	2.14	139	2.10	1.12	141	3.06	0.72
(C-2, 20.7)		L	6	0.000	156	85.7	22.4	155	1.37	2.09	154	2.31	1.10	154	3.10	0.75
			$\underline{t}_U$ = 1.68		$\underline{t}$ = .70			$\underline{t}$ = .47			$\underline{t}$ = 1.63			$\underline{t}$ = .40		
To Obtain Materials, Supplies, Equipment	V	H	8	0.374	192	83.7	25.3	195	1.61	2.69	193	2.35	1.13	197	3.05	0.78
		L	8	0.080	160	87.1	20.3	162	1.57	2.41	163	2.64	1.15	164	3.12	0.71
			$\underline{t}_U$ = .40		$\underline{t}$ = 1.40			$\underline{t}$ = .14			$\underline{t}$ = -2.44*			$\underline{t}$ = 1.00		
	C	H	6	0.442	95	86.2	20.1	95	1.49	2.13	95	2.14	1.13	96	3.16	0.71
(C-2, 20.8)		L	7	0.046	158	84.2	24.3	156	1.36	1.94	157	2.23	1.11	157	3.06	0.74
			$\underline{t}_U$ = 1.56		$\underline{t}$ = .69			$\underline{t}$ = .49			$\underline{t}$ = .60			$\underline{t}$ = 1.08		
To Solicit Advisory Services	V	H	8	0.282	202	84.7	24.0	199	1.44	2.46	202	2.46	1.14	207	3.09	0.78
		L	8	0.000	150	86.0	22.1	158	1.79	2.69	154	2.52	1.16	154	3.07	0.71
			$\underline{t}_U$ = .99		$\underline{t}$ = .54			$\underline{t}$ = 1.25			$\underline{t}$ = .50			$\underline{t}$ = .28		
	C	H	7	0.243	145	84.8	23.4	144	1.55	2.33	141	2.15	1.09	143	3.07	0.75
(C-2, 20.9)		L	6	0.000	108	85.1	21.9	107	1.21	1.47	111	2.26	1.16	110	3.14	0.71
			$\underline{t}_U$ = .43		$\underline{t}$ = .12			$\underline{t}$ = 1.35			$\underline{t}$ = .76			$\underline{t}$ = .77		
Other than Above	V	H	3	0.159	55	89.0	20.9	58	1.47	2.41	57	2.84	1.16	57	3.19	0.72
		L	13	0.000	297	84.6	23.6	299	1.62	2.59	299	2.41	1.13	304	3.06	0.75
			$\underline{t}_U$ = .29		$\underline{t}$ = 1.29			$\underline{t}$ = .40			$\underline{t}$ = 2.56*			$\underline{t}$ = 1.15		
	C	H	6	0.185	143	83.7	24.3	138	1.54	2.36	139	2.09	1.01	140	3.01	0.73
(C-2, 20.10)		L	7	0.000	110	86.5	20.5	113	1.23	1.47	113	2.33	1.23	113	3.20	0.72
			$\underline{t}_U$ = 1.63		$\underline{t}$ = .95			$\underline{t}$ = 1.21			$\underline{t}$ = 1.67			$\underline{t}$ = -2.04*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 45. Reasons for School Initiated Contacts with Potential Employers

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Find a Job for Student	V	H	8	0.668	180	84.2	23.6	184	1.59	2.71	182	2.40	1.12	184	3.05	0.77
		L	8	0.250	172	86.3	22.8	173	1.60	2.40	174	2.56	1.17	177	3.11	0.72
			t_U = .55		t = .83			t = .06			t = 1.30			t = .69		
	C	H	6	0.679	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
(C-2, 20.1)		L	7	0.155	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
			t_U = 1.21		t = .12			t = .74			t = .30			t = .77		
To Place Co-op Student	V	H	8	0.299	156	85.1	22.8	157	1.66	2.56	155	2.52	1.12	156	3.03	0.73
		L	8	0.006	196	85.4	23.5	200	1.54	2.57	201	2.45	1.16	205	3.12	0.76
			t_U = 1.76		t = .10			t = .46			t = .56			t = 1.16		
	C	H	5	0.278	109	83.9	25.0	107	1.52	2.28	105	2.11	1.13	107	3.10	0.70
(C-2, 20.2)		L	8	0.000	144	85.7	20.9	144	1.32	1.79	147	2.25	1.11	146	3.09	0.76
			t_U = .98		t = .63			t = .79			t = .97			t = .10		
To Check Co-op Student's Progress	V	H	7	0.265	146	85.0	22.6	145	1.66	2.54	145	2.31	1.15	146	2.94	0.80
		L	9	0.000	206	85.4	23.7	212	1.55	2.58	211	2.60	1.13	215	3.18	0.70
			t_U = 1.25		t = .17			t = .41			t = -2.38*			t = -3.00**		
	C	H	5	0.557	88	86.3	22.0	89	1.29	1.80	88	2.02	1.11	89	3.13	0.68
(C-2, 20.3)		L	8	0.000	165	84.2	23.2	162	1.47	2.12	164	2.29	1.11	164	3.08	0.76
			t_U = .42		t = .72			t = .67			t = 1.78			t = .53		
To Discuss Curriculum Changes	V	H	8	0.146	167	82.9	25.8	170	1.80	2.80	165	2.39	1.14	167	3.04	0.77
		L	8	0.037	185	87.4	20.4	187	1.41	2.31	191	2.56	1.15	194	3.12	0.73
			t_U = 1.79		t = 1.81			t = 1.42			t = 1.38			t = 1.02		
	C	H	5	0.265	71	81.7	22.5	68	1.74	2.39	70	2.34	1.14	71	3.11	0.73
(C-2, 20.4)		L	8	0.000	182	86.2	22.8	183	1.28	1.84	182	2.14	1.10	182	3.09	0.73
			t_U = .12		t = 1.39			t = 1.60			t = 1.28			t = .21		
To Arrange "Field Trip"	V	H	8	0.180	200	82.4	25.4	201	1.65	2.76	199	2.33	1.14	203	3.05	0.77
		L	8	0.012	152	88.9	19.3	156	1.52	2.28	157	2.67	1.12	158	3.12	0.73
			t_U = .90		t = -2.63**			t = .48			t = -2.82**			t = .80		
	C	H	6	0.081	126	85.7	21.4	123	1.44	2.26	123	2.20	1.09	124	2.99	0.71
(C-2, 20.5)		L	7	0.000	127	84.2	24.1	128	1.38	1.75	129	2.19	1.15	129	3.20	0.74
			t_U = .42		t = .53			t = .23			t = .06			t = -2.30*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 45. Reasons for School Initiated Contacts with Potential Employers (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Extend Invitation to School Activity	V	H	8	0.392	192	86.1	23.0	193	1.34	2.45	194	2.53	1.11	198	3.14	0.76
		L	8	0.047	160	84.2	23.4	164	1.90	2.66	162	2.42	1.19	163	3.02	0.73
			t_U = .22		t = .78			t = 2.07*			t = .93			t = 1.51		
	C	H	6	0.354	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
(C-2, 20.6)		L	7	0.022	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
			t_U = 1.21		t = .12			t = .74			t = .30			t = .77		
To Request Speaker	V	H	8	0.076	188	85.1	24.0	190	1.45	2.58	190	2.41	1.18	194	3.12	0.75
		L	8	0.003	164	85.4	22.4	167	1.75	2.54	166	2.56	1.10	167	3.03	0.74
			t_U = .04		t = .16			t = 1.09			t = 1.26			t = 1.09		
	C	H	6	0.210	130	84.6	23.7	130	1.35	1.97	127	2.46	1.13	128	3.14	0.76
(C-2, 20.7)		L	7	0.000	123	85.2	21.8	121	1.46	2.06	125	1.93	1.04	125	3.05	0.70
			t_U = .67		t = .21			t = .41			t = 3.82**			t = .99		
To Obtain Materials, Supplies, Equipment	V	H	8	0.492	161	85.1	23.8	166	1.49	2.36	161	2.40	1.15	164	3.10	0.72
		L	8	0.055	191	85.4	22.7	191	1.69	2.73	195	2.55	1.14	197	3.07	0.77
			t_U = .93		t = .11			t = .72			t = 1.28			t = .35		
	C	H	6	0.309	105	83.0	23.4	104	1.60	2.27	104	2.17	1.08	105	3.10	0.71
(C-2, 20.8)		L	7	0.012	148	86.3	22.3	147	1.27	1.80	148	2.21	1.15	148	3.09	0.75
			t_U = .14		t = 1.12			t = 1.27			t = .31			t = .10		
To Solicit Advisory Services	V	H	8	0.198	184	85.8	23.5	191	1.37	2.47	187	2.50	1.12	191	3.19	0.71
		L	8	0.006	168	84.6	22.9	166	1.85	2.65	169	2.47	1.18	170	2.96	0.77
			t_U = .34		t = .49			t = 1.75			t = .24			t = 2.87**		
	C	H	6	0.253	83	82.4	22.4	78	1.58	2.28	83	2.33	1.12	84	3.12	0.71
(C-2, 20.9)		L	7	0.000	170	86.2	22.9	173	1.32	1.88	169	2.13	1.11	169	3.09	0.74
			t_U = .31		t = 1.23			t = .95			t = 1.31			t = .28		
Other than Above	V	H	4	0.067	93	89.2	19.8	100	.99	2.24	99	2.68	1.10	101	3.27	0.66
		L	12	0.000	259	83.8	24.2	257	1.83	2.65	257	2.41	1.15	260	3.01	0.77
			t_U = -2.39*		t = 1.95			t = 2.77**			t = 2.04*			t = 2.99**		
	C	H	4	0.106	86	82.8	24.8	85	1.55	2.20	86	2.24	1.09	87	3.05	0.75
(C-2, 20.10)		L	9	0.000	167	86.0	21.7	166	1.33	1.91	166	2.17	1.13	166	3.12	0.72
			t_U = .53		t = 1.06			t = .79			t = .46			t = .71		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 46. Reasons for School Contacts Initiated by Employers of 1962 Graduates

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Fill Job Openings	V	H	8	0.595	191	86.8	22.6	194	1.39	2.63	195	2.78	1.12	197	3.16	0.77
		L	8	0.228	161	83.3	23.8	163	1.84	2.47	161	2.13	1.08	164	2.99	0.72
			t_U = .61		t = 1.42			t = 1.64			t = 5.54 **			t = 2.07 *		
	C	H	6	0.778	107	84.8	22.5	106	1.55	2.24	105	2.02	1.09	106	3.11	0.70
(C-2, 23.1)		L	7	0.166	146	85.0	23.1	145	1.30	1.83	147	2.32	1.12	147	3.09	0.75
			t_U = .10		t = .05			t = .98			t = -2.06 *			t = .22		
To Discuss Co-op Student	V	H	8	0.211	185	85.5	23.0	183	1.55	2.54	186	2.59	1.13	189	3.10	0.75
		L	8	0.015	167	85.0	23.4	174	1.64	2.59	170	2.37	1.15	172	3.06	0.75
			t_U = .87		t = .20			t = .33			t = 1.78			t = .51		
	C	H	5	0.403	109	83.9	25.0	107	1.52	2.28	105	2.11	1.13	107	3.10	0.70
		L	8	0.000	144	85.7	20.9	144	1.32	1.79	147	2.25	1.11	146	3.09	0.76
(C-2, 23.2)			t_U = .98		t = .63			t = .79			t = .97			t = .10		
To Offer Equipment or Supplies	V	H	8	0.245	201	87.3	21.1	205	1.23	2.07	205	2.62	1.16	209	3.18	0.72
		L	8	0.022	151	82.5	25.5	152	2.09	3.04	151	2.30	1.11	152	2.94	0.77
			t_U = .96		t = 1.93			t = 3.15 **			t = 2.62 **			t = 3.01 **		
	C	H	4	0.156	95	87.0	23.4	95	1.31	2.16	90	2.19	1.12	92	3.05	0.73
(C-2, 23.3)		L	9	0.000	158	83.7	22.4	156	1.47	1.92	162	2.20	1.12	161	3.12	0.74
			t_U = 1.04		t = 1.13			t = .61			t = .06			t = .72		
To Discuss Committee Problem	V	H	3	0.193	83	82.2	24.7	81	1.78	2.61	81	2.26	1.16	82	2.92	0.86
		L	13	0.000	269	86.2	22.7	276	1.54	2.55	275	2.55	1.13	279	3.13	0.71
			t_U = 1.63		t = 1.38			t = .74			t = -2.00 *			t = -2.20 *		
(C-2, 23.4)	C	H	2	0.119	57	86.6	24.0	55	1.45	2.38	53	2.04	1.17	54	3.01	0.72
		L	11	0.000	196	84.4	22.4	196	1.39	1.90	199	2.24	1.10	199	3.12	0.74
			t_U = .48		t = .63			t = .18			t = 1.11			t = .94		
To Request Curriculum Addition	V	H	9	0.096	234	84.3	24.1	229	1.56	2.53	231	2.51	1.15	234	3.05	0.77
		L	7	0.000	118	87.1	21.2	128	1.66	2.63	125	2.43	1.13	127	3.13	0.70
			t_U = 2.53 *		t = 1.07			t = .34			t = .67			t = .97		
	C	H	5	0.146	103	84.0	24.2	101	1.70	2.59	98	2.17	1.13	100	3.08	0.72
(C-2, 23.5)		L	8	0.000	150	85.6	21.8	150	1.21	1.48	154	2.21	1.11	153	3.11	0.74
			t_U = .05		t = .52			t = 1.92			t = .27			t = .39		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 46. Reasons for School Contacts Initiated by Employers of 1962 Graduates (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Inquire about Special Training	V	H	8	0.191	180	84.0	24.8	175	1.59	2.41	177	2.41	1.14	181	3.03	0.78
		L	8	0.000	172	86.6	21.4	182	1.60	2.71	179	2.56	1.14	180	3.14	0.71
			t_U = 2.77 *		t = 1.04			t = .03			t = 1.21			t = 1.42		
(C-2, 23.6)	C	H	6	0.344	135	86.4	23.2	134	1.30	2.08	130	2.08	1.10	132	3.00	0.69
		L	7	0.000	118	83.3	22.3	117	1.52	1.93	122	2.32	1.12	121	3.21	0.76
			t_U = .31		t = 1.07			t = .86			t = 1.74			t = -2.26 *		
To Check Applicant's References	V	H	8	0.645	156	85.9	22.1	160	1.59	2.69	160	2.45	1.13	163	3.07	0.78
		L	8	0.113	196	84.7	24.0	197	1.60	2.46	196	2.51	1.16	198	3.09	0.73
			t_U = 1.04		t = .50			t = .04			t = .48			t = .29		
(C-2, 23.7)	C	H	6	1.070	125	82.6	25.5	122	1.72	2.55	119	2.09	1.13	121	3.03	0.70
		L	7	0.175	128	87.1	19.6	129	1.11	1.25	133	2.29	1.10	132	3.16	0.76
			t_U = 1.27		t = 1.57			t =-2.44 *			t = 1.46			t = 1.32		
To Get School Program Information	V	H	8	0.229	180	85.1	24.0	177	1.59	2.47	180	2.64	1.14	183	3.07	0.75
		L	8	0.008	172	85.3	22.4	180	1.60	2.66	176	2.32	1.13	178	3.09	0.74
			t_U = .85		t = .08			t = .05			t = 2.60 **			t = .25		
(C-2, 23.8)	C	H	6	0.381	104	84.5	23.3	104	1.56	2.27	102	2.00	1.11	103	3.05	0.69
		L	7	0.005	149	85.2	22.4	147	1.30	1.80	150	2.33	1.11	150	3.13	0.76
			t_U = .14		t = .26			t = 1.01			t = -2.24 *			t = .93		
To Offer Advisory Assistance (C-2, 23.9)	V	H	6	0.265	153	83.3	25.9	152	1.59	2.68	152	2.33	1.13	155	3.01	0.80
		L	10	0.000	199	86.7	20.8	205	1.60	2.48	204	2.60	1.14	206	3.13	0.71
			t_U = .77		t = 1.35			t = .04			t = -2.18 *			t = 1.46		
Other Than Above (C-2, 23.10)	C	H	5	0.178	113	85.7	22.2	109	1.44	2.35	110	2.20	1.03	111	3.04	0.72
		L	8	0.000	140	84.3	23.3	142	1.38	1.71	142	2.19	1.18	142	3.15	0.74
			t_U = .42		t = .49			t = .22			t = .10			t = 1.19		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 47. Reasons for School Contacts Initated by Potential Employers

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Fill Job Openings	V	H	8	0.704	191	85.6	23.3	199	1.51	2.57	195	2.57	1.15	197	3.15	0.74
		L	8	0.323	161	84.8	23.1	158	1.71	2.56	161	2.37	1.13	164	3.00	0.75
			t_U = .79		t = .29			t = .73			t = 1.68			t = 1.87		
(C-2,23.1)	C	H	7	0.518	133	86.4	21.9	131	1.27	1.94	130	2.22	1.15	132	3.07	0.72
		L	6	0.074	120	83.2	23.7	120	1.55	2.08	122	2.17	1.08	121	3.13	0.75
			t_U = .81		t = 1.12			t = 1.09			t = .40			t = .68		
To Discuss Co-op Student	V	H	8	0.157	201	85.1	23.0	201	1.46	2.49	200	2.48	1.12	203	3.09	0.77
		L	8	0.006	151	85.5	23.5	156	1.77	2.65	156	2.48	1.18	158	3.07	0.73
			t_U = 1.25		t = .16			t = 1.16			t = .01			t = .20		
(C-2, 23.2)	C	H	4	0.252	64	83.7	24.2	64	1.51	2.01	64	1.98	1.16	65	3.18	0.66
		L	9	0.000	189	85.3	22.3	187	1.37	2.01	188	2.27	1.10	188	3.07	0.76
			t_U = .57		t = .49			t = .46			t = 1.75			t = 1.02		
To Offer Equipment or Supplies	V	H	8	0.213	187	85.2	23.4	191	1.40	2.43	189	2.49	1.15	193	3.12	0.76
		L	8	0.028	165	85.2	23.0	166	1.82	2.70	167	2.47	1.15	168	3.04	0.74
			t_U = .01		t = .01			t = 1.52			t = .17			t = .96		
(C-2, 23.3)	C	H	7	0.208	149	84.3	22.7	146	1.53	2.28	147	2.15	1.07	148	3.06	0.71
		L	6	0.000	104	85.9	22.9	105	1.23	1.57	105	2.26	1.18	105	3.15	0.76
			t_U = .22		t = .55			t = 1.16			t = .83			t = .97		
To Request Curriculum Addition	V	H	5	0.112	145	85.8	22.8	147	1.20	2.20	145	2.57	1.13	148	3.21	0.71
		L	11	0.000	207	84.9	23.5	210	1.87	2.76	211	2.42	1.16	213	2.99	0.76
			t_U = .77		t = .36			t = 2.46 *			t = 1.17			t = 2.76 **		
(C-2, 23.5)	C	H	3	0.073	79	86.2	23.1	78	1.28	2.11	76	2.27	1.07	77	3.00	0.73
		L	10	0.000	174	84.3	22.6	173	1.46	1.97	176	2.16	1.14	176	3.14	0.73
			t_U = .76		t = .62			t = .66			t = .69			t = 1.39		
To Inquire About Special Training	V	H	8	0.184	160	88.8	20.1	165	1.27	2.45	166	2.71	1.12	168	3.22	0.69
		L	8	0.038	192	82.3	25.1	192	1.87	2.63	190	2.29	1.13	193	2.96	0.78
			t_U = .45		t = 2.63 **			t = 2.22 *			t = 3.49 **			t = 3.23 **		
(C-2, 23.6)	C	H	5	0.234	121	83.0	25.4	121	1.64	2.43	115	2.44	1.11	116	3.13	0.78
		L	8	0.000	132	86.7	20.0	130	1.19	1.50	137	1.99	1.08	137	3.07	0.69
			t_U = .59		t = 1.29			t = 1.75			t = 3.25 **			t = .60		
To Check Applicant's References	V	H	8	0.470	167	87.8	20.9	173	1.23	2.27	172	2.66	1.08	175	3.22	0.65
		L	8	0.159	185	82.9	24.9	184	1.93	2.77	184	2.32	1.19	186	2.95	0.81
			t_U = .29		t = 1.96 *			t = 2.60 **			t = 2.84 **			t = 3.51 **		
(C-2, 23.7)	C	H	7	0.464	137	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	0.026	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
			t_U = .76		t = .08			t = 1.10			t = .27			t = .05		
To Get School Program Information	V	H	8	0.203	160	86.1	23.0	161	1.61	2.66	163	2.50	1.13	166	3.13	0.72
		L	8	0.052	192	84.5	23.4	196	1.58	2.48	193	2.47	1.16	195	3.04	0.77
			t_U = .22		t = .64			t = .11			t = .24			t = 1.14		
(C-2.23.8)	C	H	5	0.295	121	83.0	25.4	121	1.64	2.43	115	2.44	1.11	116	3.13	0.78
		L	8	0.000	132	86.7	20.0	130	1.19	1.50	137	1.99	1.08	137	3.07	0.69
			t_U = .59		t = 1.29			t = 1.75			t = 3.25 **			t = .60		
To Offer Advisory Assistance	V	H	8	0.114	205	87.2	21.3	208	1.35	2.32	208	2.60	1.17	211	3.16	0.75
		L	8	0.000	147	82.5	25.4	149	1.93	2.84	148	2.32	1.10	150	2.97	0.73
			t_U = .93		t = 1.88			t = 2.11 *			t = 2.27 *			t = 2.36 *		
(C-2, 23.9)	C	H	7	0.161	133	85.6	22.5	129	1.23	1.94	131	2.33	1.09	133	3.07	0.72
		L	6	0.006	120	84.2	23.1	122	1.59	2.07	121	2.05	1.13	120	3.13	0.75
			t_U = .55		t = .48			t = 1.40			t = 1.96			t = .63		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 48. Supervisory Ratings of Importance of Skills

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Manual Job Skills	V	H	8	3.074	187	88.0	20.5	192	1.05	1.93	191	2.86	1.04	194	3.27	0.63
		L	8	2.461	165	81.3	25.4	166	2.33	3.03	166	2.05	1.13	167	2.86	0.81
			t_y = .71		t = 3.09**			t = 4.63**			t = 7.08**			t = 5.32**		
	C	H	7	3.130	141	85.0	22.5	139	1.53	2.34	139	2.10	1.10	140	3.04	0.74
(C-25, 1.1)		L	6	2.654	112	86.8	23.2	113	1.25	1.68	113	2.32	1.13	113	3.12	0.72
			t_y = .18		t = .09			t = 1.09			t = 1.54			t = 1.14		
Job Practical Knowledge	V	H	8	3.237	194	88.2	19.4	197	1.86	2.00	198	2.75	1.09	201	3.30	0.68
		L	8	2.764	158	81.6	26.7	160	2.01	3.07	158	2.15	1.13	160	2.93	0.88
			t_y = .50		t = 2.68**			t = 2.70**			t = 5.07**			t = 5.12**		
	C	H	6	3.263	133	85.6	23.2	133	1.25	1.87	131	2.23	1.10	131	3.08	0.77
(C-25, 2.1)		L	7	3.021	120	84.2	22.4	118	1.42	2.16	121	2.16	1.05	122	3.13	0.69
			t_y = .23		t = .46			t = .67			t = .51			t = .48		
Job Theoretical Knowledge	V	H	8	3.096	167	84.1	25.0	172	1.79	2.85	168	2.64	1.13	169	3.09	0.74
		L	8	2.616	185	86.2	21.5	185	1.41	2.25	188	2.34	1.14	192	3.08	0.73
			t_y = .22		t = .85			t = 1.40			t = 2.44*			t = .13		
	C	H	7	3.163	113	86.5	20.7	114	1.18	1.32	118	2.19	1.20	117	3.13	0.74
(C-25, 3.1)		L	6	2.799	140	83.6	24.3	137	1.59	2.43	134	2.20	1.05	136	3.07	0.73
			t_y = .35		t = .98			t = 1.59			t = .01			t = .60		
Mathematical Skills	V	H	8	2.646	157	87.0	22.5	159	1.36	2.58	160	2.76	1.07	162	3.18	0.73
		L	8	2.156	161	83.1	24.4	164	1.83	2.59	161	2.11	1.18	164	2.92	0.75
			t_y = .02		t = 1.46			t = 1.63			t = 5.30**			t = 3.30**		
	C	H	7	2.540	144	84.8	22.9	140	1.48	2.16	141	2.27	1.17	140	3.15	0.75
(C-25, 4.1)		L	6	1.936	109	85.0	22.7	111	1.30	1.81	111	2.10	1.05	112	3.03	0.71
			t_y = .14		t = .06			t = .70			t = 1.20			t = 1.36		
Communication Skills	V	H	8	2.681	172	85.4	22.9	176	1.51	2.69	175	2.60	1.10	177	3.13	0.70
		L	8	1.935	180	85.0	23.6	181	1.68	2.43	181	2.17	1.18	184	3.03	0.77
			t_y = .40		t = .17			t = .63			t = 1.22			t = 1.30		
	C	H	7	2.735	150	84.3	24.0	148	1.35	1.94	148	2.29	1.10	149	3.14	0.77
(C-25, 5.1)		L	6	2.183	103	85.8	20.9	103	1.48	2.11	106	1.98	1.09	106	3.03	0.67
			t_y = .18		t = .51			t = .51			t = 3.12**			t = 1.19		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 48. Supervisory Ratings of Importance of Skills (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	N	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Reading and Interpretive Skills	V	H	8	3.333	130	87.3	37.1	133	1.32	2.24	135	3.78	1.06	138	3.33	0.67
		L	8	3.248	164	83.1	35.1	163	2.06	1.86	161	3.13	1.13	163	2.99	0.80
			t_c = .03		t = 2.13*			t = 3.03**			t = 5.30**			t = 4.50**		
	C	H	7	3.031	100	93.7	35.8	101	1.40	2.06	100	3.38	1.09	100	3.12	0.75
		L	6	2.633	93	87.1	17.8	90	1.38	1.24	93	3.03	1.16	93	2.96	0.71
(Q-88, 6.1)			t_c = .34		t = 1.16			t = .17			t = 1.36			t = .66		
Clerical Skills	V	H	8	3.234	204	86.6	37.7	200	1.40	2.27	204	3.63	1.14	206	3.10	0.78
		L	8	1.840	128	83.3	33.8	127	1.81	2.19	122	3.30	1.13	122	3.06	0.71
			t_c = 1.33		t = 1.32			t = 1.61			t = 2.61**			t = .46		
	C	H	6	3.644	103	94.0	33.3	105	1.33	1.44	107	3.43	1.10	107	3.27	0.76
		L	7	2.031	130	83.4	32.5	106	1.36	2.36	104	3.03	1.13	106	2.97	0.83
(Q-88, 7.1)			t_c = .80		t = .95			t = .38			t = 2.81**			t = 3.13**		
Personal Relations Skills	V	H	8	3.337	166	88.3	13.3	166	1.38	1.89	163	3.70	1.09	171	3.17	0.68
		L	8	2.432	126	81.4	36.3	131	1.80	2.05	127	3.26	1.14	130	3.03	0.86
			t_c = .04		t = 3.13**			t = 1.83			t = 3.31**			t = 2.13*		
	C	H	7	3.108	126	94.3	33.6	126	1.36	2.03	133	3.33	1.17	133	3.18	0.78
		L	6	2.623	120	93.5	33.8	127	1.27	2.03	120	3.14	1.08	130	3.03	0.66
(Q-88, 8.1)			t_c = .15		t = .08			t = 1.06			t = .21			t = 1.83		
Supervisory Skills	V	H	8	3.113	167	88.7	13.7	160	1.28	2.06	168	3.68	1.06	171	3.19	0.66
		L	8	1.422	133	83.1	35.6	108	1.83	2.33	157	3.30	1.13	130	3.00	0.84
			t_c = .08		t = 3.31**			t = 3.24*			t = 3.11**			t = 2.64**		
	C	H	7	3.353	118	93.6	34.3	118	1.33	2.08	118	3.27	1.17	118	3.17	0.77
		L	6	1.788	130	90.3	33.3	133	1.27	1.86	120	3.13	1.07	120	3.03	0.80
(Q-88, 9.1)			t_c = .27		t = .68			t = 1.10			t = .80			t = 1.80		
Attitude Toward Work	V	H	8	3.331	181	88.8	33.0	188	1.31	2.03	180	3.78	1.06	187	3.17	0.71
		L	8	3.133	131	83.8	33.3	103	1.83	2.07	171	3.18	1.18	176	[illegible]	0.77
			t_c = .48		t = 1.13			t = 3.30*			t = [illegible]			t = [illegible]		
	C	H	7	3.887	126	93.7	38.8	133	1.33	1.88	133	3.07	1.08	126	3.13	0.78
		L	6	3.448	113	86.0	35.8	113	1.98	2.03	117	3.11	1.16	113	3.06	0.68
(Q-88, 10.1)			t_c = .31		t = .80			t = .64			t = 1.10			t = .86		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 49. Evaluation of Graduate Performance

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Manual Job Skills	V	H	8	3.750	171	87.7	31.1	176	1.38	2.53	175	.63	1.09	177	3.19	0.69
		L	8	2.250	181	83.0	34.0	181	1.90	2.58	181	.33	1.18	184	2.97	0.79
			t_M = .27		t = 1.31			t = 1.07			t = .40*			t = 2.85**		
	C	H	6	3.526	95	85.0	37.0	93	1.43	2.14	96	.29	1.05	97	3.16	0.72
(G-05, 1.3)		L	7	2.305	158	84.3	33.8	159	1.30	1.96	156	.14	1.16	156	3.06	0.74
			t_M = 1.26		t = .06			t = .17			t = .00			t = 1.14		
Job Practical Knowledge	V	H	8	3.667	173	95.3	34.0	178	1.53	2.95	176	.63	1.09	178	3.15	0.74
		L	8	2.183	179	85.1	33.6	179	1.65	2.85	180	.34	1.18	183	3.02	0.75
			t_M = .13		t = .58			t = .46			t = .46*			t = 1.62		
	C	H	7	3.575	161	96.6	33.5	159	1.44	2.13	158	.29	1.08	158	3.09	0.78
(G-05, 3.3)		L	6	2.181	98	95.4	33.4	98	1.36	1.79	98	.03	1.16	95	3.11	0.65
			t_M = .11		t = .05			t = .37			t = .81			t = .19		
Job Theoretical Knowledge	V	H	8	3.600	166	84.3	32.6	170	1.40	3.03	171	.59	1.13	173	3.13	0.76
		L	8	2.166	180	86.1	33.3	177	1.60	2.20	181	.30	1.15	180	3.04	0.74
			t_M = .28		t = .37			t = .23			t = .62			t = 1.19		
	C	H	6	3.276	119	95.1	37.7	118	1.40	1.80	120	.20	1.08	119	3.18	0.79
(G-05, 3.3)		L	7	2.164	136	84.3	33.8	133	1.41	2.13	133	.10	1.15	136	3.02	0.67
			t_M = .84		t = .16			t = .05			t = .18			t = 1.75		
Mechanical Skills	V	H	8	3.337	198	87.1	37.0	198	1.36	3.30	197	.63	1.14	200	3.17	0.71
		L	8	2.008	158	93.6	34.3	163	1.90	3.03	159	.29	1.11	161	2.97	0.79
			t_M = .06		t = 1.62			t = 1.03			t = [illegible]**			t = 2.51*		
	C	H	6	3.286	86	87.6	18.0	88	1.61	1.64	89	.19	1.18	90	3.18	0.69
(G-05, 4.4)		L	7	2.000	162	93.8	26.6	161	1.37	2.03	163	.20	1.09	163	3.05	0.75
			t_M = 2.17		t = 1.76			t = 1.13			t = .81			t = 1.30		
Communication Skills	V	H	8	3.273	183	86.0	36.2	183	1.60	3.73	186	.56	1.11	187	3.11	0.73
		L	8	1.884	169	88.4	37.2	176	1.39	2.30	175	.40	1.18	176	3.05	0.77
			t_M = 1.05		t = 1.08			t = .27			t = 1.33			t = .86		
	C	H	7	3.384	116	93.8	36.2	116	1.60	3.31	116	.42	1.14	116	3.10	0.75
(G-05, 5.5)		L	8	2.059	137	86.8	33.4	137	1.37	2.00	136	.00	1.06	137	3.03	0.71
			t_M = .02		t = .60			t = .08			t = [illegible]**			t = 1.58		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 49. Evaluation of Graduate Performance (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Reading and Interpretive Skills	V	H	8	2.531	187	87.5	21.5	192	1.34	2.51	192	2.76	1.09	194	3.21	0.70
		L	8	2.006	165	82.6	24.8	165	1.89	2.60	164	2.16	1.12	167	2.93	0.78
			t_U = .77		t = 1.99*			t = 2.04*			t = 5.01**			t = 3.67**		
	C	H	6	2.577	124	84.0	24.3	120	1.51	2.42	119	2.30	1.06	121	3.05	0.73
(C-25, 6.2)		L	7	2.070	129	85.8	21.3	131	1.31	1.94	133	2.10	1.16	132	3.14	0.73
			t_U = .46		t = .59			t = .76			t = 1.41			t = 1.03		
Clerical Skills	V	H	8	2.513	191	85.1	22.1	190	1.58	2.53	193	2.48	1.16	196	3.07	0.79
		L	8	1.995	161	85.4	24.5	167	1.61	2.61	163	2.49	1.13	165	3.10	0.70
			t_U = .11		t = .10			t = .09			t = .13			t = .39		
	C	H	7	2.395	112	84.6	22.2	109	1.50	2.11	112	2.13	1.09	113	3.15	0.75
(C-25, 7.2)		L	6	2.021	141	85.1	23.2	142	1.34	1.94	140	2.24	1.14	140	3.06	0.72
			t_U = .31		t = .17			t = .63			t = .77			t = .92		
Personal Relations Skills	V	H	8	2.727	193	85.9	22.1	189	1.58	2.49	192	2.48	1.14	194	3.04	0.79
		L	8	2.063	159	84.5	24.5	168	1.61	2.64	164	2.48	1.15	167	3.13	0.70
			t_U = .66		t = .57			t = .10			t = .01			t = 1.16		
	C	H	6	2.651	103	86.6	20.5	102	1.18	1.28	106	2.21	1.19	105	3.18	0.76
(C-25, 8.2)		L	7	2.263	150	83.8	24.3	149	1.56	2.38	146	2.18	1.07	148	3.04	0.71
			t_U = .06		t = .95			t = 1.66			t = .31			t = 1.54		
Supervisory Skills	V	H	8	2.299	203	86.1	22.0	204	1.51	2.59	206	2.52	1.14	208	3.07	0.79
		L	8	1.698	159	85.1	25.9	153	1.70	2.54	150	2.44	1.16	153	3.09	0.69
			t_U = .82		t = .28			t = .62			t = .64			t = .27		
	C	H	6	2.334	119	85.1	21.7	118	1.40	1.80	120	2.30	1.08	119	3.10	0.79
(C-25, 9.2)		L	7	1.837	135	85.7	22.8	133	1.41	2.13	133	2.10	1.15	134	3.03	0.67
			t_U = .80		t = .14			t = .05			t = 1.38			t = 1.73		
Attitude Toward Work	V	H	8	3.060	169	88.4	18.4	171	1.44	2.31	174	2.67	1.13	178	3.16	0.70
		L	8	2.376	183	82.4	25.4	186	1.74	2.81	183	2.30	1.13	183	3.05	0.73
			t_U = .83		t = 2.42*			t = 1.11			t = 3.27**			t = 2.00*		
	C	H	7	2.858	140	86.8	21.4	140	1.80	1.74	138	2.36	1.13	138	3.10	0.76
(C-25, 10.2)		L	6	2.086	151	83.3	25.3	151	1.72	2.37	151	1.96	1.08	153	3.03	0.73
			t_U = 1.26		t = 1.25			t = 2.12*			t = 3.71**			t = .13		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 50. Comparison of Graduates With and Without Vocational Training

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Manual Job Skills	V	H	8	2.568	180	86.8	22.8	186	1.43	2.68	185	2.74	1.11	187	3.20	0.73
		L	8	2.229	172	83.6	23.6	171	1.77	2.43	171	2.20	1.12	174	2.96	0.75
			t_U = .27		t = 1.33			t = 1.23			t = 4.57**			t = 3.11**		
	C	H	7	2.496	129	84.3	22.5	131	1.55	2.10	125	2.18	1.16	129	3.15	0.72
		L	6	2.111	124	85.6	22.7	120	1.24	1.90	123	2.21	1.07	124	3.00	0.73
(C-25, 1.3)			t_U = .39		t = .43			t = 1.23			t = .21			t = 2.14*		
Job Practical Knowledge	V	H	8	2.454	219	86.2	20.6	222	1.12	1.52	223	2.74	1.13	227	3.23	0.71
		L	8	2.079	133	80.4	26.3	135	2.37	3.22	133	2.05	1.05	134	2.84	0.76
			t_U = .45		t = 3.08**			t = 4.57**			t = 5.71**			t = 4.89**		
	C	H	6	2.520	145	84.4	24.2	145	1.39	2.05	141	2.32	1.12	142	3.12	0.74
		L	7	2.175	108	85.6	20.7	106	1.43	1.97	111	2.04	1.10	111	3.07	0.72
(C-25, 2.3)			t_U = .39		t = .39			t = .16			t = 2.03*			t = .47		
Job Theoretical Knowledge	V	H	8	2.563	169	86.7	23.1	173	1.45	2.76	173	2.71	1.10	175	3.16	0.75
		L	8	2.066	183	83.9	23.2	184	1.73	2.36	183	2.27	1.15	186	3.00	0.74
			t_U = .04		t = 1.10			t = 1.03			t = 3.62**			t = 2.03*		
	C	H	6	2.469	109	82.4	24.2	108	1.60	2.13	109	2.40	1.09	109	3.24	0.73
		L	7	2.015	144	86.8	21.5	143	1.26	1.91	143	2.04	1.12	144	2.99	0.67
(C-25, 3.3)			t_U = .18		t = 1.52			t = 1.31			t = 2.61**			t = 2.69**		
Mathematical Skills	V	H	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	189	2.50	1.13	191	3.16	0.73
		L	8	1.963	168	84.3	20.1	168	1.68	2.50	167	2.34	1.11	170	3.00	0.76
			t_U = 1.13		t = .77			t = .56			t = 3.80**			t = 1.93		
	C	H	7	2.043	146	83.1	24.2	137	1.64	2.37	141	2.04	1.08	148	3.07	0.73
		L	6	1.955	125	87.3	20.6	114	1.13	1.66	111	2.40	1.14	111	3.13	0.76
(C-25, 4.3)			t_U = -2.10**		t = 1.46			t = -2.07*			t = -3.10**			t = .18		
Communication Skills	V	H	8	2.383	194	81.9	22.6	193	2.01	2.80	193	2.20	1.14	195	3.08	0.71
		L	8	1.920	198	87.9	20.8	203	1.35	2.33	201	2.55	1.15	206	3.13	0.77
			t_U = 1.21		t = -2.52*			t = -2.60**			t = 1.38			t = 1.44		
	C	H	7	2.166	117	84.0	23.3	115	1.50	1.88	119	2.22	1.18	118	3.20	0.77
		L	6	1.958	135	85.2	22.1	134	1.31	2.08	122	2.17	1.06	135	3.01	0.69
(C-25, 5.3)			t_U = .03		t = .07			t = .84			t = .38			t = 2.07*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 50. Comparison of Graduates With and Without Vocational Training (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Reading and Interpretive Skills	V	H	8	2.567	168	84.5	25.4	169	1.73	2.50	169	2.5	1.15	171	3.09	0.75
		L	8	2.002	184	86.0	21.0	188	1.47	2.22	187	2.4	1.14	190	3.07	0.75
			t_c = .85		t = .60			t = .94			t = 1.0			t = .19		
	C	H	7	2.287	136	84.0	24.1	133	1.37	2.03	135	2.3	1.06	137	3.11	0.75
(C-25, 6.3)		L	6	2.037	117	86.0	21.1	118	1.45	2.00	117	2.06	1.17	116	3.08	0.71
			t_c = .37		t = .69			t = .32			t = 1.8			t = .29		
Clerical Skills	V	H	8	2.610	150	85.9	22.0	153	1.82	2.76	154	2.60	1.17	154	3.02	0.78
		L	8	2.009	202	84.7	24.1	204	1.43	2.40	202	2.39	1.12	207	3.13	0.72
			t_c = .14		t = .48			t = 1.42			t = 1.74			t = 1.42		
	C	H	6	2.441	105	84.4	23.0	105	1.27	1.57	107	2.42	1.11	107	3.21	0.77
(C-25, 7.3)		L	7	1.965	148	85.3	22.6	146	1.50	2.28	145	2.03	1.09	146	3.02	0.69
			t_c = .22		t = .30			t = .90			t = 2.70*			t = 2.00*		
Personal Relations Skills	V	H	8	2.453	171	83.4	25.1	168	1.82	2.79	169	2.36	1.11	171	2.95	0.79
		L	8	2.010	181	86.9	21.1	189	1.39	2.33	187	2.68	1.14	190	3.20	0.69
			t_c = 1.46		t = 1.48			t = 1.60			t = -3.46*			t = -3.18**		
	C	H	6	2.467	105	83.8	22.4	105	1.61	1.98	106	2.32	1.20	105	3.21	0.78
(C-25, 8.3)		L	7	2.043	148	85.7	23.1	146	1.26	2.03	146	2.18	1.06	148	3.02	0.69
			t_c = .18		t = .47			t = 1.38			t = [illegible]			t = 2.02*		
Supervising Skills	V	H	7	2.420	145	84.1	23.0	147	1.69	2.66	147	2.36	1.14	149	3.02	0.80
		L	8	1.753	195	86.3	22.7	196	1.46	2.33	196	2.60	1.12	199	3.14	0.69
			t_c = .36		t = .86			t = .89			t = -1.98*			t = 1.57		
	C	H	6	2.173	99	85.2	21.8	97	1.46	1.93	100	2.08	1.21	99	3.22	0.74
(C-25, 9.3)		L	7	1.882	156	84.8	22.8	156	1.27	2.07	158	2.16	1.05	156	3.02	0.72
			t_c = .26		t = .15			t = .72			t = .46			t = 2.11*		
Attitude toward Work	V	H	8	2.596	163	84.6	22.4	160	1.75	2.61	160	2.30	1.13	167	3.00	0.79
		L	8	2.150	[illegible]	85.8	22.9	193	1.46	2.22	191	2.63	1.14	194	3.15	0.71
			t_c = .19		t = .48			t = 1.03			t = -2.60**			t = -1.98*		
	C	H	6	2.087	95	87.0	19.0	94	1.00	1.10	95	2.27	1.24	97	3.18	0.72
(C-25, 10.3)		L	7	2.208	158	83.4	24.6	157	1.28	2.28	155	2.15	1.03	156	3.05	0.74
			t_c = .48		t = 1.28			t = 1.03			t = .78			t = 1.45		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

SCORING KEY

Data Form C-2: The Employers

ITEM	CODE	IDENTIFICATION	
1		Knowledge of course offerings	
	R	Record the Percentage of correctly identified courses	
2		Knowledge of school personnel	
	R	Record the percentage of correctly identified personnel	
6		Employers basic activity	
6.2		Contract construction	
	0	No	
	1	Yes	
6.3		Finance, insurance, and real estate	Same Scoring as 6.2
6.4		Government	
6.5		Manufacturing	
6.7		Services	
6.8		Transportation, Communications, and public utilities	
6.9		Wholesale and retail trade	
6.10		Other	
7		Length of time establishment has been in operation	
	1	Less than a year	
	2	1-5 years	
	3	6-10 years	
	4	11-15 years	
	5	16-20 years	
	6	More than 20 years	
8,9,10	R	Percentage of decrease or increase in work force since 1962	
11		Percentage of unionization of production and service employees	
	0	None	
	1	1%-25%	
	2	26%-50%	
	3	51%-75%	
	4	76%-100%	

a Form: C-2 (cont.)

TEM	CODE	IDENTIFICATION	
12		Minimum age policy for hiring personnel	
	1	16 years	
	2	17 years	
	3	18 years	
	4	19 years	
	5	20 years	
	6	21 years	
	7	Other	
13	R	Record the number of newly hired males between January 1964 and January 1965	
14	R	Record the percentage of newly hired males who were under 21	
& 14	R	Record the number of newly hired males under 21	
15		Minimum education requirements for male job applicants	
	1	No minimum education requirement	
	2	Complete 8 years of elementary school	
	3	Complete 2 years of high school	
	4	High school graduate	
	5	Other	
16		Methods used for screening male job applicants under 21	
16.1		Personal interview	
	0	No	
	1	Yes	
16.2		Employment application review	Same scoring as 16.1
16.3		Aptitude testing	
16.4		Trade information test	
16.5		Check employer references	
16.6		Check school references	
16.7		Police or F. B. I. check	
16.8		Job performance test	
16.9		Retail credit check	
16.10		Check applicant's school record	

ata Form: C-2 (cont.)

ITEM	CODE	IDENTIFICATION
16.11		Other **Same Scoring as 16.1**
16V	R	Record the variety of screening practices
17		Percentage of times employers used the sources to fill ob openings
17.1	R	State employment service
17.2	R	Private employment service
17.3	R	Private school
17.4	R	Public high school
17.5	R	Newspaper advertising
17.6	R	Labor organization contacts
17.7	R	Promotion from within company
17.8	R	Direct inquiry or visit by applicant
17.9	R	Recall of previously laid-off workers
17.10	R	Other
17V	R	Record the variety of sources used
18.2	R	Record the number of trades which had new hires
18.3		Trend in hiring for next five years
	1	Less
	2	Same
	3	More
18.5	R	Record the number of times they said "yes" for needing qualified men
18.6	R	Record the number of trades which have apprenticeship programs
18.7	R	Record the number of co-op arrangements with the school
18.8	R	Record the number of trades where high school graduates can get jobs directly after graduation
18.9	R	Record the number of trades where persons are hired under 21
18.10	R	Record the number of trades represented by unions
19A		Employer visit to industrial shops
	0	No
	1	Yes
19B		Recentness of visit to industrial shops
	0	Never visit
	1	Within last six months

ta Form: C-2 (cont.)

ITEM	CODE	IDENTIFICATION	
	2	Between six months and a year ago	
	3	Between a year and two years ago	
	4	More than two years ago	
20		Reasons why school personnel initiate contact with employers	
20.1		Find jobs for students	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
20.2		Place co-op students	
20.3		Check co-op students progress	
20.4		Discuss curriculum changes	
20.5		Arrange "field trips"	
20.6		Extend invitation to school activities	Same scoring as 20.1
20.7		Request Speaker	
20.8		Obtain materials, supplies, equipment	
20.9		Solicit advisory services	
20.10		Other	
20F	R	Record the total frequency (sum) for items 20.1-20.10	
20V	R	Record the variety of placement activities used (20.1-20.10)	
22		Read, hear, or see anything about school's vocational program	
22.1		Newspapers	
	0	No	
	1	Yes	
22.2		Booklets, brochures	
22.3		Radio	
22.4		Television	Same scoring as 22.1
22.5		Special displays	
22.6		Other	
22T		Total number of times mass media was used	

ata Form: C-2 (cont.)

ITEM	CODE	IDENTIFICATION	
23		Reasons why employers may initiate contact with school	
23.1		Fill job openings	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
23.2		Discuss co-op students	
23.3		Offer equipment or supplies	
23.4		Discuss committee problem	
23.5		Request curriculum addition	Same scoring as 23.1
23.6		Inquire about special training	
23.7		Check applicant's reference	
23.8		Get school program information	
23.9		Offer advisory assistance	
23.10		Other	
25		Membership and value of advisory committee	
	0	No	
	1	Of doubtful value	
	2	Of some value	
	3	Of great value	
26		Employer opinion of the school	
26.1		Adequacy of shop facilities	
26.2		Competence of vocational instructors	Scoring:
26.3		Adequacy of student counseling	1 = Poor
26.4		Efforts to prevent drop-outs	2 = Fair
26.5		Quality of course offerings	3 = Good
26.6		Relationship with community	4 = Excellent
26.7		Reputation in community	
26.8		Skill level of vocational graduates	
26.9		Relationship with local employers	
26.10		Relationship with local labor groups	
26.11		Quality of vocational students	

rm: C-2 (cont.)

CODE	IDENTIFICATION
	Variety of course offerings
	Relations with your office
	Efforts to place graduates
	Work habits and attitudes of graduates
R	Average opinion of facilities and instructions (Items 26.1, 26.2, 26.5, 26.12)
R	Average opinion of counseling and placement (Items 26.3, 26.4, 26.14)
R	Average opinion of the quality of students and graduates (Items 26.8, 26.11, 26.1
R	Average opinion of community relationships (Items 26.6, 26.7. 26.9, 26.10, 26.13)
R	Average total opinion (Items 26.1-26.15)
R	Record the total number of NO used (Items 26.1-26.15)

SCORING KEY

Data Form C-25: Assessment of Vocational Course Graduates

ITEM	CODE	IDENTIFICATION
Section		
1		"How important is this skill for his present job" is scored the same for all of the skill and knowledge characteristics
	1	Of no real importance
	2	Slightly important
	3	Considerable importance
	4	Critical importance
Section		
2		"How would you evaluate him on this skill" is scored the same for all of the skill and knowledge characteristics
	1	Needs much improvement
	2	Generally satisfactory
	3	Generally above average
	4	Outstanding
Section		
3		"How does he compare with others of about his age who do the same work but had no vocational course in high school" is scored the same for all of the skill and knowledge characteristics
	1	Not as well as others doing same work
	2	About as well as others doing same work
	3	Better than others doing same work

APPENDIX E

Employment Security Offices

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APPENDIX E
Employment Security Office (Form C-3)

BUDGET BUREAU
NUMBER: 44-6307
EXPIRES: 11/30/63

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study by
The American Institutes for Research

DATA FORM C-3

THE EMPLOYMENT SECURITY OFFICE

Conducted Under Contract With
The Office of Manpower, Automation and Training
United States Department of Labor

GENERAL INSTRUCTIONS

Dear Participant:

You have been selected to participate in a nationwide study concerned with school-community relations. The enclosed brochure describes the details of this important study.

The term "school" or the expression "the school under study" used throughout this data form refers to the ______________ ______________ school and its high school vocational trade and industrial offerings unless another type of offering is specified. Please answer ONLY in terms of the school indicated above.

You can be assured that neither you nor your organization or firm will be identified in any way with the answers you provide. Complete anonymity as to source will be maintained in any publication resulting from the study.

Thank you for your generous cooperation.

Your Name ______________________________
Official Title ______________________________
Firm or Organization ______________________________
Address ______________________________
Street City State Zip Code
Phone Number ______________________________

SECTION I

PLEASE DO NOT WRITE BELOW

UT THE SCHOOL. The purpose of this section is to determine how well the school communicated information about its personnel, curriculum, facilities, and er features to agencies in the community that can help the school attain its ectives.

Which of the following vocational trade and industrial courses are offered to high school level students by the school being studied? (The title of a school course may vary slightly from a title listed below). Please check all course titles that correspond to courses that the school offers. If you have no knowledge of the vocational courses offered, check the space at the right. ——→ ( )

1. ( ) Automotive Mechanics
2. ( ) Auto Body Repair
3. ( ) Aircraft Mechanics
4. ( ) Air-conditioning & Heating
5. ( ) Carpentry
6. ( ) Commercial Art
7. ( ) Data Processing
8. ( ) Drafting
9. ( ) Electrical Trades
10. ( ) Electronics
11. ( ) Food Trades
12. ( ) Foundry
13. ( ) Machine Trades
14. ( ) Masonry
15. ( ) Mill and Cabinetry
16. ( ) Metal Trades
17. ( ) Painting and Decorating
18. ( ) Plumbing
19. ( ) Printing
20. ( ) Radio and TV Repair
21. ( ) Sheet Metal Fabrication
22. ( ) Shoe Repair
23. ( ) Tailoring - Power Sewing
24. ( ) Upholstery
25. ( ) Welding

IF THE SCHOOL OFFERS VOCATIONAL COURSES OTHER THAN ABOVE PLEASE LIST BELOW

26. ( ) ____________
27. ( ) ____________
28. ( ) ____________
29. ( ) ____________
30. ( ) ____________

____ ____

If you know any of the following personnel from the school being studied, write the name of the person in the space provided. Then, for each title listed, indicate whether or not the person holding the title engages in any activity to place or help place vocational course graduates in jobs. Check the "don't know" space, if you are uncertain or don't know.

SCHOOL PERSONNEL		INVOLVED IN PLACEMENT ACTIVITY			
		1 YES	2 NO	3 DON'T KNOW	
1. Principal	____________	( )	( )	( )	______
2. Assistant Principal	____________	( )	( )	( )	______
3. Vocational Director	____________	( )	( )	( )	______
4. Vocational Supervisor	____________	( )	( )	( )	______
5. Vocational Coordinator	____________	( )	( )	( )	______
6. Student Counselor	____________	( )	( )	( )	______
7. Placement Head	____________	( )	( )	( )	______
8. Shop Instructors	____________	( )	( )	( )	______
9. Other ____________ (specify) ____________	____________	( )	( )	( )	______ ______

Each time the word 'you' is used, it means you personally rather than your office, your organization, your associates, etc.

PLEASE DO NOT
WRITE BELOW

Is there a specific individual at the school who is responsible for coordinating placement activities?

( ) 1. Yes → If yes, who is that person?
( ) 2. No Name ______________________
( ) 3. Don't Know Title ______________________

Does the school being studied utilize an advisory committee for any of its vocational programs?

( ) 1. Yes → If yes, can you name two persons on the committee?
( ) 2. No If not, check the space at the right. → ( )
( ) 3. Don't know

1. ______________________
2. ______________________

In general, how well informed are you about the school's vocational program?

( ) 1. Know virtually nothing about the program
( ) 2. Know a little but not much about the program
( ) 3. Know quite a bit about the program
( ) 4. Have intimate knowledge of the program

SECTION II

OUT YOUR SERVICES. In order to understand how well the school takes advantage the services your office provides, we need to know more about your services.

Does your office have a special program for the placement of high school graduates?

( ) 1. Yes → If yes, does the program deal with vocational course graduates differently than academic course graduates?
( ) 2. No

( ) 1. Yes
( ) 2. No

Are specific individuals in your office assigned on a regular basis to deal with the placement of high school students and/or graduates?

( ) 1. Yes → If yes, who is that person?
( ) 2. No

Name ______________________.
Title ______________________.

PLEASE DO NOT WRITE BELOW

How frequently is each of the following methods used by your office to find jobs for graduates of high school vocational courses?

	1 NEVER	2 SELDOM	3 OFTEN	4 VERY OFTEN
1. Wait for employer requests	☐	☐	☐	☐
2. Personal contact with employers	☐	☐	☐	☐
3. Suggest leads to graduates	☐	☐	☐	☐
4. Recommend alternative jobs	☐	☐	☐	☐
5. Chamber of Commerce publication	☐	☐	☐	☐
6. Newspaper announcements	☐	☐	☐	☐
7. Radio and TV announcements	☐	☐	☐	☐
8. Telephone contact of employers	☐	☐	☐	☐
9. Letters to employers	☐	☐	☐	☐
10. Other (specify) ______________ ______________	☐	☐	☐	☐

Does your office send announcements of job openings to the school?

☐ 1. Yes ——→ If yes, to whom are they directed?
☐ 2. No

☐ 1. Principal
☐ 2. Vice Principal
☐ 3. Guidance Head
☐ 4. Placement Head
☐ 5. Shop teachers
☐ 6. Other than above ______________
____

How often does the school make use of the services listed below? If your office does NOT offer a service listed below, check the space to the left of the service. If you do not know, check the "don't know" space.

	1 DON'T KNOW	2 NEVER	3 SELDOM	4 OFTEN	5 VERY OFTEN
☐ 1. Area surveys of employment needs	☐	☐	☐	☐	☐
☐ 2. Aptitude testing of students	☐	☐	☐	☐	☐
☐ 3. Job placement for graduates	☐	☐	☐	☐	☐
☐ 4. Vocational counseling for students	☐	☐	☐	☐	☐
☐ 5. Advice on curriculum matters	☐	☐	☐	☐	☐
☐ 6. Speakers for school programs	☐	☐	☐	☐	☐
☐ 7. Part-time job placement for students	☐	☐	☐	☐	☐
☐ 8. Occupational information	☐	☐	☐	☐	☐
☐ 9. Other (specify) ______________ ______________	☐	☐	☐	☐	☐

Approximately how many of the school's vocational course graduates registered for assistance in finding full-time work in 1964? ______ Don't know ☐ .

If you were able to give a figure for Item 11 above, approximately how many were placed in full-time jobs through the assistance of your office? ____ Don't know ☐

SECTION III

ELATIONS WITH THE SCHOOL. The purpose of this section is to obtain information bout the interactions between your office and the school that have a bearing on lacing vocational course graduates in trades for which they are trained.

PLEASE DO NOT
WRITE BELOW

3. Does the vocational student have *any* means of registering with your office at the school location.

( ) 1. Yes
( ) 2. No
( ) 3. Don't know

4. When was the last time you or a representative of your office visited the trade and industrial shops of the school being studied?

VISIT BY YOU		VISIT BY REPRESENTATIVE
( )	1. Never visited the shops	( )
( )	2. Within the last 6 months	( )
( )	3. Between 6 months and a year ago	( )
( )	4. Between a year and two years ago	( )
( )	5. More than two years ago	( )
	6. Don't know	( )

5. Below is a list of reasons why school personnel may contact employment security office personnel. Estimate the number of times your office was contacted by the school in 1964 for the reasons listed. (A contact may be a personal visit, a phone discussion, or a letter.)

	NONE	1-3	4-6	7-9	10 or MORE
1. Inquire about job opportunities	( )	( )	( )	( )	( )
2. Request occupational information	( )	( )	( )	( )	( )
3. Inquire about job(s) for graduates	( )	( )	( )	( )	( )
4. Request help in employment survey	( )	( )	( )	( )	( )
5. Request school program speaker	( )	( )	( )	( )	( )
6. Request aptitude testing	( )	( )	( )	( )	( )
7. Help in finding part-time jobs	( )	( )	( )	( )	( )
8. Request help in vocational guidance	( )	( )	( )	( )	( )
9. Help in setting up co-op programs	( )	( )	( )	( )	( )
10. Request employment orientation for students	( )	( )	( )	( )	( )
11. Other (specify below) ____________________	( )	( )	( )	( )	( )

16. How many times was your office contacted (visit, phone or letter) in 1964 by personnel from the school?

Estimate the number of contacts ____________________

Below is a list of reasons why an employment security representative may wish to contact school personnel. Estimate the number of times you and/or your representatives contacted the school in 1964 for the reasons listed. (A contact may be a personal visit, a phone discussion, or a letter.)

	NONE	1-3	4-6	7-9	10 or More
1. Check job applicant references	( )	( )	( )	( )	( )
2. Arrange for aptitude testing	( )	( )	( )	( )	( )
3. Try to fill job openings	( )	( )	( )	( )	( )
4. Advise school on job openings	( )	( )	( )	( )	( )
5. Advise school on job trends	( )	( )	( )	( )	( )
6. Arrange for graduate registration	( )	( )	( )	( )	( )
7. Arrange for counseling service	( )	( )	( )	( )	( )
8. Notify school of student registrants	( )	( )	( )	( )	( )
9. Obtain data for occupational survey	( )	( )	( )	( )	( )
10. Request time to tell USES story	( )	( )	( )	( )	( )
11. Other (specify below) ____________________	( )	( )	( )	( )	( )

How many times did you and/or your representatives contact (visit, phone, or letter) personnel from the school in 1964?

Estimate the number of contacts ____________________

Have you served as a member of the school's vocational program advisory committee?

( ) 1. Yes, have been in past
( ) 2. Yes, I am now
( ) 3. No
( ) 4. Not applicable

→ If yes, answer sub-items:

19.1 What type of committee was it?

( ) 1. General advisory committee
( ) 2. Craft advisory committee
( ) 3. Joint apprentice committee
( ) 4. Other ____________________

19.2 How often did the committee meet?

( ) 1. Monthly
( ) 2. Every other month
( ) 3. Quarterly
( ) 4. Twice a year
( ) 5. Once a year
( ) 6. Other ____________________

19.3 What is your personal opinion of the value of the committee for vocational program improvement?

( ) 1. Of great value
( ) 2. Of some value
( ) 3. Of doubtful value

Which word best describes the relationship that exists between your office and the school?

( ) 1. Non-existent
( ) 2. Poor → If poor, please explain below
( ) 3. Good
( ) 4. Excellent

____
____
____

PLEASE DO NOT WRITE BELOW

SECTION IV

HE COMMUNITY. The purpose of this section is to get your opinion on community actors that have a bearing on the placement of vocational course graduates.

PLEASE DO NOT WRITE BELOW

1. The vocational courses marked with a check are those offered by the school being studied. Please consider only the courses marked. For each such course, indicate by a check in the appropriate space whether the JOB OPPORTUNITY in your community since January 1962 has been "above normal", "normal", or "below normal". If you do not know, please check the "don't know" space.

	JOB OPPORTUNITY			
	ABOVE NORMAL	NORMAL	BELOW NORMAL	DON'T KNOW
	1	2	3	4
1. Automotive Mechanics	( )	( )	( )	( )
2. Auto Body Repair	( )	( )	( )	( )
3. Aircraft Mechanics	( )	( )	( )	( )
4. Air-conditioning and Heating	( )	( )	( )	( )
5. Carpentry	( )	( )	( )	( )
6. Commercial Art	( )	( )	( )	( )
7. Data Processing	( )	( )	( )	( )
8. Drafting	( )	( )	( )	( )
9. Electrical Trades	( )	( )	( )	( )
10. Electronics	( )	( )	( )	( )
11. Food Trades	( )	( )	( )	( )
12. Foundry	( )	( )	( )	( )
13. Machine Trades	( )	( )	( )	( )
14. Masonry	( )	( )	( )	( )
15. Mill and Cabinetry	( )	( )	( )	( )
16. Metal Trades	( )	( )	( )	( )
17. Painting and Decorating	( )	( )	( )	( )
18. Plumbing	( )	( )	( )	( )
19. Printing	( )	( )	( )	( )
20. Radio and TV Repair	( )	( )	( )	( )
21. Sheet Metal Fabrication	( )	( )	( )	( )
22. Shoe Repair.................	( )	( )	( )	( )
23. Tailoring - Power Sewing ...	( )	( )	( )	( )
24. Upholstery	( )	( )	( )	( )
25. Welding	( )	( )	( )	( )
26. ____________	( )	( )	( )	( )
27. ____________	( )	( )	( )	( )
28. ____________	( )	( )	( )	( )
29. ____________	( )	( )	( )	( )
30. ____________	( )	( )	( )	( )

PLEASE DO NOT WRITE BELOW

The vocational courses marked with a check are those offered by the school being studied. Please consider only the courses so marked. For each such course, indicate by a check in the appropriate space what the JOB PLACEMENT STATUS for the graduates has been since January 1962. If you do not know, please check the "don't know" space.

COULD PLACE MORE GRADUATES THAN AVAILABLE → 4
COULD JUST PLACE THOSE AVAILABLE → 3
COULD NOT PLACE THOSE AVAILABLE → 2
DON'T KNOW → 1

		1	2	3	4	
1.	Automotive Mechanics	( )	( )	( )	( )	____
2.	Auto Body Repair	( )	( )	( )	( )	____
3.	Aircraft Mechanics	( )	( )	( )	( )	____
4.	Air-conditioning & Heating ..	( )	( )	( )	( )	____
5.	Carpentry	( )	( )	( )	( )	____
6.	Commercial Art	( )	( )	( )	( )	____
7.	Data Processing	( )	( )	( )	( )	____
8.	Drafting	( )	( )	( )	( )	____
9.	Electrical Trades	( )	( )	( )	( )	____
10.	Electronics	( )	( )	( )	( )	____
11.	Food Trades	( )	( )	( )	( )	____
12.	Foundry	( )	( )	( )	( )	____
13.	Machine Trades	( )	( )	( )	( )	____
14.	Masonry	( )	( )	( )	( )	____
15.	Mill and Cabinetry	( )	( )	( )	( )	____
16.	Metal Trades	( )	( )	( )	( )	____
17.	Painting and Decorating	( )	( )	( )	( )	____
18.	Plumbing	( )	( )	( )	( )	____
19.	Printing	( )	( )	( )	( )	____
20.	Radio and TV Repair	( )	( )	( )	( )	____
21.	Sheet Metal Fabrication	( )	( )	( )	( )	____
22.	Shoe Repair	( )	( )	( )	( )	____
23.	Tailoring - Power Sewing	( )	( )	( )	( )	____
24.	Upholstery	( )	( )	( )	( )	____
25.	Welding	( )	( )	( )	( )	____
26.	____	( )	( )	( )	( )	____
27.	____	( )	( )	( )	( )	____
28.	____	( )	( )	( )	( )	____
29.	____	( )	( )	( )	( )	____
30.	____	( )	( )	( )	( )	____

PLEASE DO N
WRITE BELO

The vocational courses marked with a check are those offered by the school being studied. Please consider only the courses so marked. For each such course, indicate whether or not there is a TRADE APPRENTICESHIP program in your community for which the vocational graduates could be expected to apply. Also, indicate whether or not such programs have a problem with restrictions keeping graduates from being accepted. If you have no knowledge of such apprenticeship programs or their restrictions, check the "don't know" space.

TRADE APPRENTICE PROGRAMS AVAILABLE				PROBLEM OF RESTRICTIONS KEEPING GRADS. OUT				
1 Yes	2 No	3 Don't Know	VOCATIONAL COURSES	1 Yes	2 No	3 Don't Know		
( )	( )	( )	1. Automotive Mechanics	( )	( )	( )	____	____
( )	( )	( )	2. Auto Body Repair	( )	( )	( )	____	____
( )	( )	( )	3. Aircraft Mechanics	( )	( )	( )	____	____
( )	( )	( )	4. Air-conditioning & Heating	( )	( )	( )	____	____
( )	( )	( )	5. Carpentry	( )	( )	( )	____	____
( )	( )	( )	6. Commercial Art	( )	( )	( )	____	____
( )	( )	( )	7. Data Processing	( )	( )	( )	____	____
( )	( )	( )	8. Drafting	( )	( )	( )	____	____
( )	( )	( )	9. Electrical Trades	( )	( )	( )	____	____
( )	( )	( )	10. Electronics	( )	( )	( )	____	____
( )	( )	( )	11. Food Trades	( )	( )	( )	____	____
( )	( )	( )	12. Foundry	( )	( )	( )	____	____
( )	( )	( )	13. Machine Trades	( )	( )	( )	____	____
( )	( )	( )	14. Masonry	( )	( )	( )	____	____
( )	( )	( )	15. Mill and Cabinetry	( )	( )	( )	____	____
( )	( )	( )	16. Metal Trades	( )	( )	( )	____	____
( )	( )	( )	17. Painting and Decorating	( )	( )	( )	____	____
( )	( )	( )	18. Plumbing	( )	( )	( )	____	____
( )	( )	( )	19. Printing	( )	( )	( )	____	____
( )	( )	( )	20. Radio and TV Repair	( )	( )	( )	____	____
( )	( )	( )	21. Sheet Metal Fabrication	( )	( )	( )	____	____
( )	( )	( )	22. Shoe Repair	( )	( )	( )	____	____
( )	( )	( )	23. Tailoring - Power Sewing	( )	( )	( )	____	____
( )	( )	( )	24. Upholstery	( )	( )	( )	____	____
( )	( )	( )	25. Welding	( )	( )	( )	____	____
( )	( )	( )	26. ____________________	( )	( )	( )	____	____
( )	( )	( )	27. ____________________	( )	( )	( )	____	____
( )	( )	( )	28. ____________________	( )	( )	( )	____	____
( )	( )	( )	29. ____________________	( )	( )	( )	____	____
( )	( )	( )	30. ____________________	( )	( )	( )	____	____

;ECTION V

PINIONS ABOUT THE SCHOOL. The purpose of this section is to obtain your opinions out the school, its personnel, its graduates, and other factors that may have a aring on how well the school does in placing vocational course graduates in the eld for which trained or related fields. Your answers will be kept in strict nfidence.

PLEASE DO NOT WRITE BELOW

4. The vocational courses offered by the school are marked with a check. Consider only those courses. Give your impression of the QUALIFICATIONS of the course graduates to work in the trade for which trained. If you have no basis for an opinion, please check the "don't know" space.

EXCELLENT QUALIFICATIONS FOR TRADE → 4
AVERAGE QUALIFICATIONS → 3
SUB-STANDARD QUALIFICATIONS → 2
DON'T KNOW → 1

		1	2	3	4
1.	Automotive Mechanics	( )	( )	( )	( )
2.	Auto Body Repair	( )	( )	( )	( )
3.	Aircraft Mechanics	( )	( )	( )	( )
4.	Air-conditioning & Heating	( )	( )	( )	( )
5.	Carpentry	( )	( )	( )	( )
6.	Commercial Art	( )	( )	( )	( )
7.	Data Processing	( )	( )	( )	( )
8.	Drafting	( )	( )	( )	( )
9.	Electrical Trades	( )	( )	( )	( )
10.	Electronics	( )	( )	( )	( )
11.	Food Trades	( )	( )	( )	( )
12.	Foundry	( )	( )	( )	( )
13.	Machine Trades	( )	( )	( )	( )
14.	Masonry	( )	( )	( )	( )
15.	Mill and Cabinetry	( )	( )	( )	( )
16.	Metal Trades	( )	( )	( )	( )
17.	Painting and Decorating ..	( )	( )	( )	( )
18.	Plumbing	( )	( )	( )	( )
19.	Printing	( )	( )	( )	( )
20.	Radio and TV Repair	( )	( )	( )	( )
21.	Sheet Metal Fabrication ..	( )	( )	( )	( )
22.	Shoe Repair	( )	( )	( )	( )
23.	Tailoring - Power Sewing .	( )	( )	( )	( )
24.	Upholstery	( )	( )	( )	( )
25.	Welding	( )	( )	( )	( )
26.	____________________	( )	( )	( )	( )
27.	____________________	( )	( )	( )	( )
28.	____________________	( )	( )	( )	( )
29.	____________________	( )	( )	( )	( )
30.	____________________	( )	( )	( )	( )

PLEASE DO NOT
WRITE BELOW

5. What are your opinions of the school in terms of the characteristics listed below? Give your answer by checking the appropriate space at the right. If you do not feel qualified to voice an opinion or have no opinion, please check the "no opinion" space.

	1	2	3	4	5
	NO OPINION	POOR	FAIR	GOOD	EXCELLENT
1. Adequacy of shop facilities	( )	( )	( )	( )	( )
2. Competence of vocational instructors ..	( )	( )	( )	( )	( )
3. Adequacy of student counseling	( )	( )	( )	( )	( )
4. Efforts to prevent drop-outs	( )	( )	( )	( )	( )
5. Quality of course offerings	( )	( )	( )	( )	( )
6. Relationship with community	( )	( )	( )	( )	( )
7. Reputation in community	( )	( )	( )	( )	( )
8. Skill level of vocational graduates	( )	( )	( )	( )	( )
9. Relationship with local employers	( )	( )	( )	( )	( )
10. Relationship with local labor groups ...	( )	( )	( )	( )	( )
11. Quality of vocational students	( )	( )	( )	( )	( )
12. Variety of course offerings	( )	( )	( )	( )	( )
13. Relations with your office	( )	( )	( )	( )	( )
14. Effort to place graduates	( )	( )	( )	( )	( )
15. Work habits and attitudes of graduates .	( )	( )	( )	( )	( )

Table 51. Services Offered by Employment Security Office

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Different Placement Programs for Vocational and Academic Graduates	V	H	6	1.000	135	87.8	21.2	132	1.24	2.01	134	2.58	1.13	136	3.15	0.73
		L	7	0.000	130	82.6	24.8	140	1.92	2.98	134	2.29	1.11	136	3.01	0.77
			$\underline{t}_U$ = 2.10		$\underline{t}$ = 1.84			$\underline{t}$ = 2.18*			$\underline{t}$ = 2.15*			$\underline{t}$ = 1.56		
	C	H	3	1.000	55	86.4	20.0	52	1.41	2.33	54	2.13	0.99	54	3.03	0.73
		L	7	0.000	82	83.1	25.4	82	1.51	2.34	80	2.39	1.10	82	3.08	0.72
(C-3, 6.2)			$\underline{t}_U$ = .11		$\underline{t}$ = .82			$\underline{t}$ = .24			$\underline{t}$ = 1.41			$\underline{t}$ = .39		
Assignment of Specific Individuals on a Regular Basis for Student Placement	V	H	13	1.000	299	85.7	22.9	307	1.54	2.50	303	2.56	1.14	307	3.12	0.74
		L	3	0.000	53	82.7	24.7	50	1.92	2.91	53	2.03	1.10	54	2.85	0.74
			$\underline{t}_U$ = .63		$\underline{t}$ = .88			$\underline{t}$ = .97			$\underline{t}$ = 3.16**			$\underline{t}$ = 2.45*		
	C	H	9	1.000	183	86.0	21.7	182	1.23	1.70	185	2.30	1.11	185	3.11	0.75
		L	4	0.000	70	82.2	25.3	69	1.87	2.62	67	1.90	1.10	68	3.06	0.68
(C-3, 7)			$\underline{t}_U$ = 1.00		$\underline{t}$ = 1.16			$\underline{t}$ = 2.24**			$\underline{t}$ = 2.59**			$\underline{t}$ = .48		
Send Announcements of Job Openings to Schools	V	H	6	1.000	130	86.3	22.1	136	1.56	2.71	135	2.68	1.11	136	3.16	0.73
		L	10	1.000	222	84.6	23.8	221	1.62	2.47	221	2.36	1.15	225	3.03	0.76
			$\underline{t}_U$ = 1.25		$\underline{t}$ = .67			$\underline{t}$ = .20			$\underline{t}$ = 2.61**			$\underline{t}$ = 1.60		
	C	H	4	1.000	79	84.9	23.3	78	1.24	1.72	81	1.99	0.97	81	3.03	0.71
		L	9	0.000	174	84.9	22.6	173	1.48	2.13	171	2.29	1.17	172	3.13	0.74
(C-3, 9.1)			$\underline{t}_U$ = .85		$\underline{t}$ = .00			$\underline{t}$ = .84			$\underline{t}$ = -2.03*			$\underline{t}$ = 1.00		
Number of Graduates Registering for Assistance in 1964	V	H	3	82.333	48	84.6	23.2	49	1.84	2.62	48	2.51	1.00	48	3.06	0.64
		L	3	19.000	85	88.2	20.5	90	1.15	2.18	90	2.83	1.08	92	3.27	0.70
			$\underline{t}_U$ = 3.74**		$\underline{t}$ = .93			$\underline{t}$ = 1.63			$\underline{t}$ = 1.68			$\underline{t}$ = 1.70		
	C	H	3	78.000	35	83.1	20.6	32	1.17	1.19	38	2.37	1.15	38	3.25	0.66
		L	3	23.667	102	87.4	22.6	104	1.21	1.90	98	2.38	1.09	98	3.11	0.78
(C-3, 11)			$\underline{t}_U$ = 1.10		$\underline{t}$ = 1.00			$\underline{t}$ = .10			$\underline{t}$ = .08			$\underline{t}$ = 1.02		
Percentage of Graduates Placed in Full-time Jobs	V	H	3	22.667	72	86.5	21.7	75	1.20	2.34	74	2.76	1.04	75	3.23	0.67
		L	3	5.667	61	87.4	21.5	64	1.63	2.37	64	2.67	1.09	65	3.15	0.70
(C-3, 12)			$\underline{t}_U$ = .98		$\underline{t}$ = .24			$\underline{t}$ = 1.06			$\underline{t}$ = .53			$\underline{t}$ = .70		
Registration at the School Location	V	H	7	1.000	134	84.1	24.4	139	1.64	2.69	138	2.37	1.09	141	3.10	0.69
		L	9	0.000	218	85.9	22.5	218	1.57	2.48	218	2.55	1.18	220	3.07	0.79
			$\underline{t}_U$ = .54		$\underline{t}$ = .73			$\underline{t}$ = .27			$\underline{t}$ = 1.44			$\underline{t}$ = .40		
	C	H	6	1.000	80	86.0	20.0	78	1.21	1.38	85	2.02	1.17	85	3.05	0.69
		L	7	0.000	173	84.4	24.0	173	1.50	2.24	167	2.29	1.08	168	3.12	0.75
(C-3, 13)			$\underline{t}_U$ = .51		$\underline{t}$ = .51			$\underline{t}$ = 1.05			$\underline{t}$ = 1.81			$\underline{t}$ = .75		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 52. Methods of Placement Utilized by Employment Security Office for Vocational Course Graduates

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Wait for Employer Requests	V H	7	2.571	123	80.3	26.1	123	2.24	2.95	121	2.16	1.09	122	2.84	0.73
	V L	9	0.778	214	87.8	20.7	217	127	2.32	219	2.67	1.15	222	3.21	0.74
		$\underline{t}_U = 1.24$		$\underline{t} = -2.88{**}$			$\underline{t} = -3.34{**}$			$\underline{t} = -3.98{**}$			$\underline{t} = -4.46{**}$		
	C H	7	1.286	116	83.4	23.9	115	1.35	1.80	119	2.18	1.06	120	3.12	0.72
	C L	6	0.333	137	86.2	21.3	136	1.45	2.18	133	2.21	1.17	133	3.08	0.74
(C-3, 8.1)		$\underline{t}_U = .30$		$\underline{t} = .99$			$\underline{t} = .40$			$\underline{t} = .21$			$\underline{t} = .46$		
Personal Contact with Employers	V H	8	3.000	155	87.6	19.2	159	1.58	2.21	159	2.56	1.12	160	3.08	0.69
	V L	8	1.875	197	83.4	25.8	198	1.60	2.82	197	2.42	1.16	201	3.08	0.79
		$\underline{t}_U = .45$		$\underline{t} = 1.67$			$\underline{t} = .07$			$\underline{t} = 1.13$			$\underline{t} = .07$		
	C H	7	3.000	161	85.2	22.8	162	1.45	2.18	157	2.37	1.08	158	3.16	0.76
	C L	6	1.667	92	84.4	22.8	89	1.32	1.68	95	1.90	1.11	95	3.00	0.67
(C-3, 8.2)		$\underline{t}_U = 2.18$		$\underline{t} = .26$			$\underline{t} = .51$			$\underline{t} = 3.30{**}$			$\underline{t} = 1.60$		
Suggest Leads to Graduates	V H	5	3.000	100	85.9	21.6	102	1.79	2.64	101	2.52	1.15	101	3.01	0.76
	V L	11	1.818	252	85.0	23.8	255	1.51	2.53	255	2.47	1.14	260	3.11	0.74
		$\underline{t}_U = .31$		$\underline{t} = .33$			$\underline{t} = .93$			$\underline{t} = .41$			$\underline{t} = 1.19$		
	C H	6	3.000	100	82.9	24.3	101	1.36	1.64	103	2.47	1.12	103	3.26	0.77
	C L	7	1.571	153	86.2	21.7	150	1.43	2.23	149	2.01	1.08	150	2.99	0.69
(C-3, 8.3)		$\underline{t}_U = .58$		$\underline{t} = 1.12$			$\underline{t} = .26$			$\underline{t} = 3.24{*}$			$\underline{t} = 2.87{**}$		
Recommend Alternative Jobs	C H	5	3.000	83	87.0	19.8	84	1.05	1.14	87	2.38	1.18	86	3.14	0.72
	C L	8	1.625	170	83.9	24.1	167	1.58	2.31	165	2.10	1.08	167	3.08	0.74
(C-3, 8.4)		$\underline{t}_U = .90$		$\underline{t} = 1.02$			$\underline{t} = 1.97{*}$			$\underline{t} = 1.87$			$\underline{t} = .60$		
Chamber of Commerce Publication	V H	8	1.250	193	86.2	22.2	191	1.47	2.51	195	2.45	1.20	197	3.05	0.79
	V L	8	0.000	159	84.0	24.3	166	1.74	2.63	161	2.52	1.08	164	3.12	0.70
		$\underline{t}_U = .19$		$\underline{t} = .90$			$\underline{t} = .99$			$\underline{t} = .59$			$\underline{t} = .86$		
(C-3, 8.5)	C H	5	1.400	91	86.1	21.2	92	1.16	1.32	95	2.31	1.13	94	3.14	0.76
	C L	8	0.000	162	84.3	23.7	159	1.55	2.31	157	2.13	1.11	159	3.07	0.71
		$\underline{t}_U = .21$		$\underline{t} = .60$			$\underline{t} = 1.46$			$\underline{t} = 1.26$			$\underline{t} = .70$		
Newspaper Announcements	V H	8	2.500	186	87.5	19.8	189	1.42	2.38	192	2.54	1.18	194	3.12	0.77
	V L	8	1.125	166	82.7	26.3	168	1.79	2.75	164	2.41	1.10	167	3.03	0.72
		$\underline{t}_U = .99$		$\underline{t} = 1.93$			$\underline{t} = 1.36$			$\underline{t} = 1.05$			$\underline{t} = 1.11$		
	C H	6	2.500	146	85.9	22.2	145	1.39	2.13	141	2.31	1.11	141	3.05	0.76
	C L	7	1.285	107	83.5	23.5	106	1.43	1.85	111	2.05	1.11	112	3.16	0.69
(C-3, 8.6)		$\underline{t}_U = .93$		$\underline{t} = .82$			$\underline{t} = .18$			$\underline{t} = 1.82$			$\underline{t} = 1.18$		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 52. Methods of Placement Utilized by Employment Security Office for Vocational Course Graduates (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Radio and Television Announcements	V	H	8	2.750	198	86.0	21.6	197	1.48	2.40	202	2.47	1.17	205	3.10	0.76
		L	8	1.000	154	84.2	25.2	160	1.73	2.75	154	2.50	1.11	156	3.06	0.74
			t_U = .40		t = .72			t = .89			t = .28			t = .42		
	C	H	7	2.571	113	84.1	22.1	113	1.50	2.11	114	2.21	1.08	115	3.05	0.74
		L	6	1.000	140	85.6	23.4	138	1.33	1.93	138	2.18	1.15	138	3.14	0.72
(C-3, 8.7)			t_U = .59		t = .51			t = .66			t = .20			t = 1.02		
Telephone Contact of Employers	V	H	7	3.000	150	84.4	24.2	154	1.79	2.65	152	2.43	1.15	154	3.05	0.73
		L	9	2.000	202	85.9	22.5	203	1.45	2.49	204	2.52	1.14	207	3.10	0.76
			t_U = .86		t = .58			t = 1.24			t = .69			t = .69		
	C	H	7	3.000	142	85.2	23.4	142	1.27	1.91	141	2.41	1.13	142	3.11	0.73
		L	6	1.500	111	84.6	22.0	109	1.58	2.13	111	1.93	1.05	111	3.09	0.73
(C-3, 8.8)			t_U = .81		t = .23			t = 1.18			t = 3.45 **			t = .25		
Letters to Employers	V	H	8	2.375	200	84.7	23.7	201	1.64	2.59	200	2.40	1.17	202	3.05	0.76
		L	8	1.250	152	85.9	22.6	156	1.53	2.54	156	2.59	1.11	159	3.12	0.73
			t_U = .19		t = .49			t = .38			t = 1.52			t = .97		
(C-3, 8.9)	C	H	7	2.428	153	85.5	22.3	148	1.40	2.24	150	2.10	1.04	151	2.99	0.69
		L	6	1.166	100	84.1	23.6	103	1.41	1.64	102	2.33	1.21	102	3.25	0.77
			t_U = .84		t = .47			t = .05			t = 1.61			t = -2.82 **		
Total Use of All Services Offered	V	H	8	20.62	185	86.0	22.3	189	1.44	2.39	190	2.59	1.14	193	3.13	0.71
		L	8	14.12	167	84.5	24.2	168	1.77	2.74	166	2.35	1.14	168	3.02	0.79
			t_U = .82		t = .60			t = 1.21			t = 1.98 *			t = 1.41		
	C	H	6	19.83	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
		L	7	13.43	152	84.6	23.6	149	1.55	2.36	146	2.11	1.09	148	3.08	0.72
(C-3, 8F)			t_U = .30		t = .26			t = 1.37			t = 1.48			t = .58		
Variety of Services Used	V	H	8	9.125	198	85.8	22.1	198	1.48	2.51	202	2.45	1.20	205	3.08	0.79
		L	8	7.125	154	84.5	24.6	159	1.73	2.63	154	2.52	1.08	156	3.08	0.70
			t_U = .63		t = .55			t = .92			t = .55			t = .05		
(C-3, 8V)	C	H	7	8.571	106	85.5	21.6	106	1.18	1.58	110	2.25	1.09	111	3.06	0.72
		L	6	6.333	147	84.5	23.6	145	1.57	2.27	142	2.16	1.14	142	3.13	0.74
			t_U = .72		t = .32			t = 1.51			t = .62			t = .66		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 53. Employment Security Office Services Used by the School

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Area Surveys of Employment Needs	V	H	8	2.125	166	82.4	26.2	168	1.85	3.05	167	2.42	1.12	170	3.06	0.76
		L	6	0.833	137	89.3	17.5	140	1.36	2.10	141	2.74	1.15	141	3.14	0.70
			t_U = .66		t = -2.66**			t = 1.59			t = -2.41*			t = .91		
	C	H	4	2.250	105	84.9	24.7	108	1.39	2.11	102	2.48	1.10	103	3.17	0.76
		L	4	0.750	66	80.9	24.5	62	1.77	2.51	66	2.00	1.05	66	3.02	0.66
(C-3, 10.1)			t_U = 1.87		t = 1.03			t = 1.06			t = 2.80**			t = 1.31		
Aptitude Testing of Students	V	H	8	2.625	181	84.8	23.7	185	1.63	2.73	185	2.45	1.14	188	3.05	0.81
		L	8	1.125	171	85.7	22.7	172	1.56	2.38	171	2.52	1.15	173	3.11	0.67
			t_U = 1.40		t = .34			t = .26			t = .52			t = .71		
	C	H	5	3.000	101	83.6	23.5	94	1.56	2.49	97	2.23	1.10	98	2.98	0.71
		L	7	1.714	139	86.0	22.8	145	1.30	1.70	141	2.15	1.13	141	3.14	0.74
(C-3, 10.2)			t_U = 1.12		t = .77			t = .97			t = .56			t = 1.69		
Job Placement for Graduates	V	H	8	2.500	142	82.8	24.2	149	2.09	2.72	144	2.37	1.12	145	2.96	0.72
		L	7	1.143	176	88.0	21.8	176	1.18	2.46	180	2.71	1.12	183	3.22	0.72
			t_U = .37		t = -1.98*			t = -3.18**			t = -2.66**			t = -3.23**		
	C	H	5	3.000	89	84.9	21.6	87	1.40	1.97	89	2.34	1.16	88	3.10	0.75
		L	7	1.857	152	84.0	24.1	152	1.43	2.09	151	2.19	1.05	153	3.09	0.73
(C-3, 10.3)			t_U = .19		t = .28			t = .14			t = 1.03			t = .09		
Vocational Counseling for Students	V	H	8	2.375	165	85.1	25.3	171	1.73	2.83	167	2.33	1.10	170	3.04	0.80
		L	8	0.875	187	87.1	21.1	186	1.47	2.29	189	2.61	1.17	191	3.12	0.70
			t_U = .01		t = 1.63			t = .93			t = -2.31*			t = 1.10		
	C	H	6	2.667	128	86.0	22.3	127	1.22	1.80	128	2.36	1.14	128	3.09	0.73
		L	6	1.667	112	83.9	24.0	112	1.61	2.28	110	1.97	1.06	111	3.06	0.73
(C-3, 10.4)			t_U = .48		t = .71			t = 1.47			t = 2.67**			t = .34		
Advice on Curriculum Matters	V	H	7	1.286	158	85.1	22.8	158	1.58	2.61	158	2.63	1.14	159	3.06	0.75
		L	7	0.571	167	85.0	23.4	169	1.58	2.54	169	2.37	1.17	172	3.08	0.77
			t_U = .46		t = .02			t = .00			t = 2.04*			t = .33		
	C	H	4	1.750	68	86.2	21.2	70	1.11	1.21	72	2.44	1.16	71	3.22	0.72
		L	4	0.000	104	83.2	24.4	99	1.68	2.60	98	2.06	1.05	99	2.94	0.69
(C-3, 10.5)			t_U = 2.79*		t = .83			t = 1.69			t = 2.18*			t = 2.52*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 53. Employment Security Office Services

Used by the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Speakers for School Programs	V H	7	2.428	133	82.1	24.9	137	2.11	3.00	134	2.41	1.16	135	2.99	0.76
	L	9	1.000	219	87.2	21.9	220	1.27	2.19	222	2.53	1.13	226	3.14	0.74
		t_U = .20		t = -1.99*			t = -3.06**			t = .96			t = 1.81		
	C H	7	2.428	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
	L	6	1.000	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
(C-3, 10.6)		t_U = .67		t = .24			t = 1.04			t = .03			t = .05		
Part-time Job Placement for Students	V H	7	2.438	158	86.7	23.0	169	1.43	2.65	165	2.69	1.10	167	3.21	0.69
	L	9	0.889	194	84.0	23.3	188	1.75	2.48	191	2.30	1.16	194	2.97	0.78
		t_U = -2.87*		t = 1.07			t = 1.17			t = 3.22**			t = 3.07**		
	C H	7	2.428	120	87.9	18.4	121	1.03	1.11	125	2.34	1.14	124	3.16	0.72
	L	6	1.667	133	82.3	25.9	130	1.76	2.54	127	2.05	1.08	129	3.04	0.74
(C-3, 10.7)		t_U = 2.18		t = 1.96			t = 2.91**			t = 2.03*			t = 1.22		
Occupational Information	V H	8	2.375	169	87.4	21.1	171	1.53	2.52	171	2.63	1.12	172	3.13	0.72
	L	8	1.375	183	83.3	24.8	186	[illegible]	2.61	185	2.34	1.16	189	3.04	0.78
		t_U = .06		t = 1.66			t = .44			t = 2.42*			t = 1.12*		
	C H	6	2.667	108	85.7	21.7	109	1.18	1.48	112	2.22	1.15	111	3.10	0.69
	L	6	1.333	121	82.6	24.8	117	1.76	2.50	116	2.19	1.11	118	3.12	0.77
(C-3, 10.8)		t_U = .42		t = 1.01			t = 2.09*			t = .22			t = .26		
Total Use of All Services Offered	V H	8	16.750	158	83.2	24.7	169	1.87	2.96	164	2.46	1.14	166	3.06	0.76
	L	8	8.875	194	86.9	21.8	188	1.34	2.12	192	2.50	1.15	195	3.10	0.74
		t_U = -2.58 *		t = 1.49			t = 1.96*			t = .34			t = .52		
	C H	7	17.286	153	85.2	23.1	152	1.28	1.89	153	2.25	1.13	153	3.07	0.71
	L	6	8.833	100	84.4	22.3	99	1.59	2.18	99	2.12	1.10	100	3.15	0.77
(C-3, 10F)		t_U = .50		t = .27			t = 1.19			t = .87			t = .87		
Variety of Services Used	V H	8	8.250	173	82.3	25.4	177	1.89	3.04	176	2.41	1.17	178	3.00	0.79
	L	8	5.750	179	88.1	20.5	180	1.31	1.94	180	2.55	1.12	183	3.16	0.70
		t_U = .82		t = -2.34*			t = -2.14*			t = 1.13			t = -2.08*		
	C H	6	7.500	138	84.7	24.0	138	1.34	1.96	138	2.26	1.12	138	3.10	0.72
	L	7	5.428	115	85.2	21.3	113	1.49	2.08	114	2.11	1.11	115	3.09	0.75
(C-3, 10V)		t_U = .23		t = .20			t = .59			t = 1.05			t = .07		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 54. Reasons for School Initiated Contacts with Employment Security Office Representatives

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Inquire About Job Opportunities	V	H	8	3.875	167	82.2	25.5	168	1.89	3.04	169	2.17	1.12	172	2.96	0.82
		L	8	1.125	185	88.0	20.6	189	1.33	2.01	187	2.76	1.09	189	3.19	0.66
			t_U = .14		t = -2.33*			t = -2.09*			t = -5.09**			t = -2.92**		
	C	H	7	4.000	126	84.1	22.8	125	1.30	1.56	130	2.33	1.13	129	3.13	0.74
(C-3, 15.1)		L	5	1.600	114	85.5	23.6	112	1.55	2.48	107	2.16	1.10	109	3.05	0.74
			t_U = .80		t = .47			t = .94			t = .42			t = .91		
Request Occupational Information	V	H	8	3.000	186	83.8	24.5	186	1.63	2.84	188	2.32	1.13	191	3.03	0.79
		L	8	1.000	166	86.9	21.6	171	1.55	2.23	168	2.67	1.13	170	3.14	0.69
			t_U = .14		t = 1.23			t = .31			t = -2.88**			t = 1.49		
	C	H	7	2.857	148	84.0	24.2	145	1.47	2.26	143	2.39	1.12	144	3.09	0.75
(C-3, 15.2)		L	5	0.600	92	85.9	21.5	92	1.33	1.66	94	1.91	1.06	94	3.10	0.72
			t_U = .33		t = .62			t = .53			t = 3.27**			t = .13		
Inquire About Job(s) for Graduates	V	H	7	3.428	138	79.3	27.8	137	2.22	3.16	135	2.03	1.05	137	2.86	0.81
		L	9	0.667	214	89.1	18.7	220	1.21	2.02	221	2.76	1.12	224	3.22	0.67
			t_U = 1.73		t = -3.95**			t = -3.67**			t = -6.08**			t = -4.58**		
	C	H	7	2.857	153	84.8	23.2	150	1.30	1.88	152	2.27	1.13	152	3.10	0.72
(C-3, 15.3)		L	5	0.600	87	84.6	23.1	87	1.61	2.29	85	2.06	1.09	86	3.09	0.77
			t_U = .63		t = .06			t = 1.12			t = 1.38			t = .11		
Request Help in Employment Survey	V	H	6	2.333	122	82.3	26.7	124	1.94	3.31	125	2.36	1.12	127	3.01	0.81
		L	10	0.000	230	86.8	21.0	233	1.41	2.04	231	2.55	1.15	234	3.12	0.71
			t_U = .64		t = 1.73			t = 1.84			t = 1.51			t = 1.28		
	C	H	5	1.600	114	84.2	25.3	114	1.35	2.06	111	2.48	1.11	112	3.15	0.76
(C-3, 15.4)		L	7	0.000	126	85.3	21.1	123	1.48	2.03	126	1.95	1.07	126	3.04	0.72
			t_U = .90		t = .36			t = .50			t = 3.79**			t = 1.08		
Request School Program Speaker	V	H	11	1.273	240	83.3	24.8	239	1.80	2.82	239	2.35	1.15	242	3.00	0.78
		L	5	0.000	112	89.5	18.6	118	1.19	1.89	117	2.75	1.08	119	3.25	0.65
			t_U = 1.16		t = -2.34*			t = -2.12*			t = -3.17**			t = -2.98**		
	C	H	6	1.833	125	83.9	24.3	120	1.46	2.10	124	2.04	1.09	125	3.08	0.72
(C-3, 15.5)		L	7	0.571	128	85.9	21.2	131	1.35	1.93	128	2.35	1.13	128	3.11	0.75
			t_U = -2.47*		t = .70			t = .44			t = -2.23*			t = .29		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 54. Reasons for School Initiated Contacts with Employment Security Office Representatives (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Request Aptitude Testing	V	H	8	3.250	167	81.7	27.0	172	1.88	2.97	169	2.24	1.12	173	3.01	0.80
		L	8	0.500	185	88.4	18.6	185	1.33	2.08	187	2.70	1.13	188	3.14	0.69
			$\underline{t}_U$ = .61		$\underline{t}$ = -2.73**			$\underline{t}$ = -2.09*			$\underline{t}$ = -3.88**			$\underline{t}$ = 1.65		
	C	H	7	2.571	119	85.2	23.3	122	1.29	1.70	122	2.20	1.19	122	3.16	0.69
(C-3, 15.6)		L	6	0.500	134	84.7	22.3	129	1.52	2.27	130	2.19	1.05	131	3.04	0.76
			$\underline{t}_U$ = .55		$\underline{t}$ = .19			$\underline{t}$ = .90			$\underline{t}$ = .04			$\underline{t}$ = 1.35		
Help in Finding Part-time Jobs	V	H	8	2.250	146	87.3	23.0	151	1.40	2.43	148	2.67	1.07	150	3.18	0.67
		L	8	0.500	206	83.8	23.2	206	1.73	2.65	208	2.35	1.18	211	3.01	0.79
			$\underline{t}_U$ = .79		$\underline{t}$ = 1.38			$\underline{t}$ = 1.20			$\underline{t}$ = 2.68**			$\underline{t}$ = 2.12*		
	C	H	5	3.800	83	86.3	20.1	82	1.09	1.12	86	2.43	1.17	85	3.19	0.74
(C-3, 15.7)		L	7	1.428	157	84.0	24.6	155	1.59	2.38	151	2.07	1.07	153	3.04	0.74
			$\underline{t}_U$ = .71		$\underline{t}$ = .73			$\underline{t}$ = 1.82			$\underline{t}$ = 2.40*			$\underline{t}$ = 1.57		
Request Help in Vocational Guidance	V	H	8	2.375	130	82.2	25.8	132	2.20	3.15	132	2.07	1.05	134	2.87	0.78
		L	8	0.000	222	87.0	21.4	225	1.24	2.08	224	2.72	1.13	227	3.21	0.70
			$\underline{t}_U$ = .61		$\underline{t}$ = 1.85			$\underline{t}$ = -3.44**			$\underline{t}$ = -5.40**			$\underline{t}$ = -4.26**		
	C	H	7	2.143	154	84.3	24.6	153	1.33	2.01	151	2.31	1.12	152	3.08	0.72
(C-3, 15.8)		L	4	0.000	62	82.5	21.9	59	1.92	2.35	62	1.95	1.12	62	3.17	0.78
			$\underline{t}_U$ = .37		$\underline{t}$ = .52			$\underline{t}$ = 1.80			$\underline{t}$ = 2.10*			$\underline{t}$ = .85		
Help in Setting up Co-op Programs	V	H	6	2.000	108	82.4	26.1	109	1.92	2.90	106	2.54	1.13	107	3.00	0.77
		L	10	0.000	244	86.5	21.7	248	1.45	2.39	250	2.46	1.15	254	3.12	0.74
			$\underline{t}_U$ = 2.07		$\underline{t}$ = 1.52			$\underline{t}$ = 1.57			$\underline{t}$ = .60			$\underline{t}$ = 1.40		
	C	H	6	1.667	128	86.0	22.3	127	1.22	1.80	128	2.36	1.14	128	3.09	0.73
(C-3, 15.9)		L	7	0.000	125	83.8	23.3	124	1.59	2.19	124	2.03	1.07	125	3.11	0.74
			$\underline{t}_U$ = .46		$\underline{t}$ = .76			$\underline{t}$ = 1.47			$\underline{t}$ = 2.35*			$\underline{t}$ = .22		
Request Employment Orientation for Students	V	H	8	1.625	164	80.7	26.9	161	2.03	2.98	160	2.16	1.09	163	2.93	0.80
		L	8	0.000	188	89.2	18.6	196	1.23	2.10	196	2.75	1.12	198	3.20	0.69
			$\underline{t}_U$ = 2.49*		$\underline{t}$ = -3.46**			$\underline{t}$ = -2.96**			$\underline{t}$ = -4.94**			$\underline{t}$ = -3.41**		
	C	H	9	1.333	171	85.6	22.0	169	1.29	1.75	173	2.25	1.16	173	3.13	0.74
		L	4	0.000	82	83.5	24.3	82	1.63	2.46	79	2.09	1.01	80	3.04	0.71
(C-3, 15.10)			$\underline{t}_U$ = .00		$\underline{t}$ = .70			$\underline{t}$ = 1.25			$\underline{t}$ = 1.04			$\underline{t}$ = .90		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 55. Reasons for School Contacts Initiated by Employment Security Office Representative

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Check Job Applicant References	V	H	10	1.700	206	85.2	22.9	204	1.66	2.41	206	2.32	1.17	210	3.01	0.77
		L	6	0.000	146	85.3	23.6	153	1.50	2.76	150	2.70	1.07	151	3.18	0.71
			t_U = .16		t = .07			t = .59			t = -3.10**			t = -2.06*		
	C	H	8	2.500	172	83.6	25.0	171	1.39	2.01	170	2.28	1.11	171	3.08	0.74
		L	5	0.000	81	87.6	17.1	80	1.44	2.03	82	2.02	1.12	82	3.14	0.71
(C-3, 17.1)			t_U = 1.18		t = 1.29			t = .19			t = 1.71			t = .63		
Arrange for Aptitude Testing	V	H	7	3.286	131	79.8	28.4	133	2.18	3.08	130	2.04	1.07	133	2.89	0.81
		L	9	0.556	221	88.5	18.7	224	1.25	2.13	226	2.74	1.11	228	3.19	0.69
			t_U = .34		t = -3.46**			t = -3.36**			t = -5.76**			t = -3.71**		
	C	H	6	2.667	126	85.3	24.4	126	1.32	1.99	123	2.35	1.18	124	3.14	0.74
		L	7	0.571	127	84.5	21.1	125	1.49	2.04	129	2.05	1.04	129	3.05	0.72
(C-3, 17.2)			t_U = .75		t = .26			t = .63			t = 2.14*			t = .97		
Try to Fill Job Openings	V	H	8	3.125	173	85.5	24.2	178	1.58	2.64	178	2.59	1.14	182	3.17	0.71
		L	8	0.875	179	85.0	22.2	179	1.61	2.49	178	2.37	1.14	179	2.99	0.77
			t_U = 1.90		t = .19			t = .10			t = 1.81			t = 2.33*		
	C	H	7	3.714	114	85.1	21.0	114	1.22	1.33	120	2.33	1.15	119	3.18	0.75
(C-3, 17.3)		L	6	1.833	139	84.8	24.2	137	1.56	2.43	132	2.07	1.08	134	3.03	0.71
			t_U = .35		t = .13			t = 1.33			t = 1.88			t = 1.61		
Advise School on Job Openings	V	H	7	3.143	170	82.6	25.4	174	1.80	2.83	172	2.33	1.16	175	3.06	0.77
		L	9	0.555	182	87.7	20.6	183	1.40	2.27	184	2.63	1.12	186	3.10	0.73
			t_U = .86		t = -2.08*			t = 1.47			t = -2.49*			t = .41		
	C	H	7	3.000	145	83.7	24.8	146	1.40	1.99	145	2.39	1.10	146	3.15	0.76
(C-3, 17.4)		L	6	0.167	108	86.5	19.7	105	1.42	2.05	107	1.93	1.09	107	3.03	0.69
			t_U = .51		t = .95			t = .09			t = 3.33**			t = 1.18		
Advise School on Job Trends	V	H	8	2.625	164	85.1	23.1	171	1.65	2.90	168	2.47	1.13	169	3.05	0.77
		L	8	0.500	174	85.3	23.2	171	1.54	2.26	174	2.44	1.16	178	3.10	0.74
			t_U = .43		t = .08			t = .39			t = .24			t = .68		
	C	H	6	3.333	102	84.0	23.9	103	1.27	1.61	104	2.41	1.13	104	3.15	0.77
(C-3, 17.5)		L	7	0.285	151	85.5	22.0	148	1.50	2.25	148	2.04	1.08	149	3.07	0.70
			t_U = .26		t = .51			t = .87			t = 2.59**			t = .84		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 55. Reasons for School Contacts Initiated by Employment Security Office Representative (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Arrange for Graduate Registration	V	H	8	1.625	163	82.7	25.2	166	1.89	2.80	163	2.33	1.13	165	2.96	0.80
		L	8	0.375	189	87.4	21.1	191	1.33	2.31	193	2.61	1.15	196	3.18	0.68
			t_U = .19		t = 1.88			t = -2.06*			t = -2.38*			t = -2.84**		
	C	H	7	2.571	146	83.7	24.3	145	1.52	2.28	143	2.40	1.11	144	3.13	0.75
(C-3, 17.6)		L	6	0.500	107	86.6	20.4	106	1.25	1.58	109	1.93	1.08	109	3.05	0.71
			t_U = .76		t = .98			t = 1.03			t = 3.31**			t = .89		
Arrange for Counseling Service	V	H	8	1.750	158	84.2	23.9	163	1.69	2.81	162	2.28	1.12	165	3.02	0.81
		L	8	0.375	194	86.1	22.6	194	1.51	2.34	194	2.65	1.14	196	3.14	0.69
			t_U = .79		t = .74			t = .66			t = -3.10**			t = 1.54		
	C	H	6	2.833	126	85.3	24.4	126	1.32	1.99	123	2.35	1.18	124	3.14	0.74
		L	7	0.571	127	84.5	21.1	125	1.49	2.04	129	2.05	1.04	129	3.05	0.72
(C-3, 17.7)			t_U = .75		t = .26			t = .63			t = 2.14*			t = .97		
Notify School of Student Registrants	V	H	7	1.571	137	85.4	23.8	138	1.74	2.79	139	2.57	1.13	141	3.05	0.79
		L	9	0.000	215	85.2	22.9	219	1.50	2.41	217	2.42	1.16	220	3.10	0.72
			t_U = .54		t = .07			t = .88			t = 1.22			t = .61		
	C	H	3	3.000	57	83.8	25.3	61	1.34	1.71	57	2.66	1.14	57	3.27	0.78
		L	10	0.000	196	85.2	22.0	190	1.43	2.10	195	2.06	1.08	196	3.05	0.71
(C-3, 17.8)			t_U = 1.68		t = .42			t = .28			t = 3.61**			t = 2.02*		
Obtain Data for Occupational Survey	V	H	9	1.778	212	85.4	22.6	212	1.59	2.54	213	2.51	1.17	216	3.06	0.80
		L	7	0.000	140	85.0	24.1	145	1.59	2.60	143	2.44	1.11	145	3.11	0.66
			t_U = .06		t = .13			t = .01			t = .56			t = .65		
	C	H	5	1.400	117	84.8	24.4	118	1.35	2.03	113	2.46	1.14	114	3.10	0.76
		L	7	0.000	124	84.9	21.3	123	1.53	2.06	126	1.96	1.06	126	3.10	0.72
(C-3, 17.9)			t_U = .54		t = .05			t = .71			t = 3.51**			t = .00		
Request Time to Tell USES Story	V	H	9	1.333	205	84.4	24.1	205	1.67	2.71	204	2.48	1.15	206	3.04	0.79
		L	7	0.000	147	86.4	21.9	152	1.49	2.35	152	2.48	1.15	155	3.13	0.69
			t_U = 1.12		t = .79			t = .64			t = .03			t = 1.11		
	C	H	7	1.000	128	84.4	23.2	125	1.58	2.39	124	2.18	1.16	126	3.03	0.71
		L	4	0.000	80	84.4	22.5	80	1.36	1.73	82	2.03	1.01	82	3.10	0.74
(C-3, 17.10)			t_U = .33		t = .01			t = .70			t = .97			t = .65		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 56. Community Data

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Job Opportunity	V	H	8	2.402	193	87.6	20.6	197	1.34	2.44	199	2.78	1.12	200	3.14	0.75
		L	8	1.826	159	82.4	25.7	160	1.91	2.68	157	2.10	1.06	161	3.00	0.74
			$\underline{t}_U$ = .63		$\underline{t}$ = 2.13*			$\underline{t}$ = 2.10*			$\underline{t}$ = 5.83**			$\underline{t}$ = 1.75		
	C	H	6	2.709	133	84.9	24.0	132	1.33	2.11	129	2.19	1.08	131	2.99	0.70
(C-3, 21)		L	6	2.015	107	85.1	22.0	107	1.49	1.96	109	2.16	1.15	108	3.17	0.76
			$\underline{t}_U$ = .24		$\underline{t}$ = .05			$\underline{t}$ = .57			$\underline{t}$ = .20			$\underline{t}$ = 1.87		
Job Placement Status	V	H	7	2.466	193	88.0	20.5	192	1.13	2.00	195	2.73	1.13	198	3.20	0.74
		L	7	1.760	119	79.0	28.4	124	2.42	3.27	119	2.03	1.00	121	2.87	0.75
			$\underline{t}_U$ = .31		$\underline{t}$ = 3.26**			$\underline{t}$ = 4.35**			$\underline{t}$ = 5.57**			$\underline{t}$ = 3.75**		
	C	H	6	2.370	140	87.2	21.2	142	1.18	1.74	139	2.33	1.13	139	3.07	0.74
(C-3, 22)		L	6	1.661	99	82.6	23.2	94	1.69	2.23	100	1.92	1.06	100	3.11	0.72
			$\underline{t}_U$ = 2.10		$\underline{t}$ = 1.57			$\underline{t}$ = 1.94			$\underline{t}$ = 2.82**			$\underline{t}$ = .43		
Apprenticeship Program	V	H	7	0.923	171	85.6	21.7	171	1.60	2.28	170	2.47	1.18	172	3.08	0.76
		L	8	0.332	169	84.8	24.7	173	1.51	2.76	173	2.52	1.13	176	3.08	0.75
			$\underline{t}_U$ = .60		$\underline{t}$ = .32			$\underline{t}$ = .31			$\underline{t}$ = .38			$\underline{t}$ = .03		
	C	H	6	0.879	145	83.6	24.2	145	1.58	2.29	142	2.24	1.12	142	3.09	0.74
(C-3, 23A)		L	6	0.424	84	84.8	22.1	81	1.30	1.66	86	2.15	1.16	87	3.14	0.73
			$\underline{t}_U$ = .14		$\underline{t}$ = .35			$\underline{t}$ = .94			$\underline{t}$ = .56			$\underline{t}$ = .57		
Problem of Restrictions to Graduates	V	H	5	0.800	98	81.3	26.5	98	2.08	2.94	96	2.16	1.10	98	2.99	0.72
		L	9	0.000	206	86.4	21.9	207	1.43	2.31	208	2.57	1.16	210	3.05	0.78
			$\underline{t}_U$ = .25		$\underline{t}$ = 1.77			$\underline{t}$ = -2.08*			$\underline{t}$ = -2.87**			$\underline{t}$ = .64		
	C	H	3	0.722	50	83.6	22.9	49	1.33	1.80	51	1.95	1.12	51	2.91	0.60
(C-3, 23B)		L	5	0.000	127	84.3	24.2	126	1.62	2.31	122	2.21	1.14	122	3.11	0.79
			$\underline{t}_U$ = .76		$\underline{t}$ = .18			$\underline{t}$ = .76			$\underline{t}$ = 1.37			$\underline{t}$ = 1.62		
Graduate Qualifications	V	H	7	2.792	156	88.0	21.4	161	1.15	2.23	160	2.75	1.03	163	3.26	0.64
		L	7	2.023	156	81.1	26.3	155	2.13	2.95	154	2.17	1.16	156	2.88	0.82
			$\underline{t}_U$ = .05		$\underline{t}$ = 2.54*			$\underline{t}$ = 3.34**			$\underline{t}$ = 4.64**			$\underline{t}$ = 4.64 **		
	C	H	7	2.777	136	86.3	21.7	133	1.21	1.91	135	2.31	1.07	137	3.08	0.71
(C-3, 24)		L	6	1.938	117	83.3	24.0	118	1.63	2.10	117	2.07	1.16	116	3.11	0.76
			$\underline{t}_U$ = .85		$\underline{t}$ = 1.04			$\underline{t}$ = 1.65			$\underline{t}$ = 1.67			$\underline{t}$ = .32		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

SCORING KEY

Data Form C-3: The Employment Security Office

ITEM	CODE	IDENTIFICATION	
1		Knowledge of course offerings	
	R	Record the percentage of correctly identified courses	
2		Knowledge of school personnel	
	R	Record the percentage of correctly identified personnel	
6.1		Have a program for placing high school graduates	
	0	No	
	1	Yes	
6.2		Different program for vocational and academic graduates	
	0	No	
	1	Yes	
7		Assigned personnel for dealing with placement of graduates	
	0	No	
	1	Yes	
8		Methods used to find graduates jobs	
8.1		Wait for employer request	
	0	Never	
	1	Seldom	
	2	Often	
	3	Very often	
8.2		Personal contact with employers	Same scoring as 8.1
8.3		Suggest leads to graduates	
8.4		Recommend alternative jobs	
8.5		Chamber of Commerce publication	
8.6		Newspaper announcement	
8.7		Radio and TV announcement	
8.8		Telephone contact of employers	
8.9		Letters to employers	
8.10		Other	
8F		Record the total frequency (sum) for items 8.1-8.10	
8V		Record the variety of methods used	

ta Form : C-3 (cont.)

ITEM	CODE	IDENTIFICATION
9.1		Does your office send announcements of job openings
	0	No
	1	Yes
9.2.1		Principal
	0	No
	1	Yes
9.2.2		Vice principal
9.2.3		Guidance head — Same scoring as 9.2.1
9.2.4		Placement head
9.2.5		Shop teachers
9.2.6		Others
10		Frequency of use made of services by the school
10.1		Area survey of employment needs
	0	Never
	1	Seldom
	2	Often
	3	Very often
10.2		Aptitude testing
10.3		Job placement of graduates
10.4		Vocational counseling
10.5		Advice on curriculum matters — Same scoring as 10.1
10.6		Speakers for school programs
10.7		Part-time job placement
10.8		Occupational information
10.9		Other
10F		Total frequency with which school uses services
10V		Total variety of services used
11	R	Number of graduates who have registered with your office during 1964
12	R	Number who were placed in full time jobs

Data Form : C-3 (cont.)

ITEM	CODE	IDENTIFICATION	
13		Means for registering at the school	
	0	No	
	1	Yes	
14A		Visit to the school shops	
	0	NO	
	1	Yes	
14B		Recentness of visit to the school shop	
	1	More than two years ago	
	2	Between a year and two years ago	
	3	Between six months and a year ago	
	4	Within last six months	
15		Reasons why school personnel may contact employment security office	
15.1		Inquire about job opportunities	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
15.2		Request occupational information	Same scoring as 15.1
15.3		Inquire about job(s) for graduates	
15.4		Request help in employment survey	
15.5		Request school program speaker	
15.6		Request aptitude testing	
15.7		Help in finding part-time jobs	
15.8		Request help in vocational guidance	
15.9		Help in setting up co-op programs	
15.10		Request employment orientation for students	
15.11		Other	
15F		Total frequency of reasons why school personnel initiate contact	
15V		Total variety of reasons used	

ta Form : C-3 (cont.)

ITEM	CODE	IDENTIFICATION	
17		Reasons why employment security personnel contact schools	
17.1		Check job applicant reference	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
17.2		Arrange for aptitude testing	Same scoring as 17.1
17.3		Fill job openings	
17.4		Advise school on job openings	
17.5		Advise school on job trends	
17.6		Arrange for graduate registration	
17.7		Arrange for counseling services	
17.8		Notify school of student registrants	
17.9		Obtain data for occupational survey	
17.10		Request time to tell USES story	
17.11		Other	
17F		Total frequency of reasons why employment security personnel initiate contact	
17V		Total variety of reasons used	
19		Member of vocational advisory committee and its value	
	0	No	
	1	Yes, of doubtful value	
	2	Yes, with some value	
	3	Yes, with great value	
20.1		Existence of relationship with school	
	1	Yes, there is a relationship	
	0	No relationship	
20.2		Evaluation of relationship with school	
	1	Poor	
	2	Good	
	3	Excellent	

Data Form : C-3 (cont.)

ITEM	CODE	IDENTIFICATION	
21		Evaluation of job opportunity for the local schools trade offerings	
	1	Below normal	
	2	Normal	
	3	Above normal	
22		Evaluation of job placement status of graduates of the local school	
	1	Cannot place	
	2	Just place those available	
	3	Could place more	
23A		Existence of trade apprenticeship program	
	0	No	
	1	Yes	
23B		Problem of restrictions keeping graduates out	
	0	No	
	1	Yes	
24		Opinion of the qualifications of course graduates	
	1	Substandard	
	2	Average	
	3	Excellent	
25		Opinion of school	
25.1		Adequacy of shop facilities	
	1	Poor	
	2	Fair	
	3	Good	
	4	Excellent	
25.2		Competence of vocational instructors	Same scoring as 25.1
25.3		Adequacy of student counseling	
25.4		Efforts to prevent drop-outs	
25.5		Quality of course offerings	
25.6		Relationship with community	
25.7		Reputation in community	
25.8		Skill level of vocational graduates	

a Form : C-3 (cont.)

ITEM	CODE	IDENTIFICATION	
25.9		Relationship with local employers	Same scoring as 25.1
25.10		Relationship with local labor groups	
25.11		Quality of vocational students	
25.12		Variety of course offerings	
25.13		Relations with your office	
25.14		Effort to place graduates	
25.15		Work habits and attitudes of graduates	
25A	R	Average opinion of facilities and instructions (Items 25.1, 25.2, 25.5, and 25.12)	
25B	R	Average opinion of counseling and placement (Items 25.3, 25.4, 25.14)	
25C	R	Average opinion of the quality of students and graduates (Items 25.8, 25.11, 25.15)	
25D	R	Average opinion of community relationships (Items 25.6, 25.7, 25.9, 25.10, 25.13)	
25T		Average total opinion (Items 25.1 - 25.15)	
25NO	R	Record the total number of NO used (Items 25.1 - 25.15)	

APPENDIX F

Labor Organizations

Page

DATA FORM C-4: THE LABOR ORGANIZATIONS 1

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BUDGET BUREAU
NUMBER: 44-6507
EXPIRES: 11/30/65

A STUDY OF SCHOOL AND COMMUNITY FACTORS RELATED TO VOCATIONAL SCHOOL PLACEMENT AND EMPLOYMENT PERFORMANCE IN TRADE AND INDUSTRY

A Survey Study by
The American Institutes for Research

DATA FORM C-4

THE LABOR ORGANIZATIONS

Conducted Under Contract With
The Office of Manpower, Automation and Training
United States Department of Labor

GENERAL INSTRUCTIONS

Dear Participant:

You have been selected to participate in a nationwide study concerned with school-community relations. The enclosed brochure describes the details of this important study.

The term "school" or the expression "the school under study" used throughout this data form refers to the ________ ________________ school and its high school vocational trade and industrial offerings unless another type of offering is specified. Please answer ONLY in terms of the school indicated above.

You can be assured that neither you nor your organization or firm will be identified in any way with the answers you provide. Complete anonymity as to source will be maintained in any publication resulting from the study.

Thank you for your generous cooperation.

Your Name ________________________________

Official Title ________________________________

Firm or Organization ________________________________

Address ________________________________

Street City State Zip Code

Phone Number ________________________________

SECTION I

UT THE SCHOOL. The purpose of this section is to determine how well the school communicated information about itself to labor organizations in the community.

PLEASE DO
WRITE BEL

Which of the following vocational trade and industrial courses are offered to high school level students by the school under study? (The title of a school course may vary slightly from a title listed below.) Please check all course titles that correspond to courses that the school offers. If you* have no knowledge of the vocational courses offered, check the space at the right.→( )

1. ( ) Automotive Mechanics
2. ( ) Auto Body Repair
3. ( ) Aircraft Mechanics
4. ( ) Air-conditioning & Heating
5. ( ) Carpentry
6. ( ) Commercial Art
7. ( ) Data Processing
8. ( ) Drafting
9. ( ) Electrical Trades
10. ( ) Electronics
11. ( ) Food Trades
12. ( ) Foundry
13. ( ) Machine Trades
14. ( ) Masonry
15. ( ) Mill and Cabinetry
16. ( ) Metal Trades
17. ( ) Painting and Decorating
18. ( ) Plumbing
19. ( ) Printing
20. ( ) Radio and TV Repair
21. ( ) Sheet Metal Fabrication
22. ( ) Shoe Repair
23. ( ) Tailoring - Power Sewing
24. ( ) Upholstery
25. ( ) Welding

IF THE SCHOOL OFFERS VOCATIONAL COURSES OTHER THAN ABOVE PLEASE LIST BELOW

26. ( ) ____________________
27. ( ) ____________________
28. ( ) ____________________
29. ( ) ____________________
30. ( ) ____________________

If you know any of the following personnel from the school under study, write the name of the person in the space provided. Then, for each title listed, indicate whether or not the person holding the title engages in any activity to place or help place vocational course graduates in jobs. Check the "don't know" space, if you are uncertain or don't know.

SCHOOL PERSONNEL		INVOLVED IN PLACEMENT ACTIVITY 1 Yes	2 No	3 Don't Know
1. Principal	____________	( )	( )	( )
2. Assistant Principal	____________	( )	( )	( )
3. Vocational Director	____________	( )	( )	( )
4. Vocational Supervisor	____________	( )	( )	( )
5. Vocational Coordinator	____________	( )	( )	( )
6. Student Counselor	____________	( )	( )	( )
7. Placement Head	____________	( )	( )	( )
8. Shop Instructors	____________	( )	( )	( )
9. Other (specify)	____________	( )	( )	( )

*Each time the word "you" is used, it means you personally rather than your organization, your associates, etc.

PLEASE DO NO
WRITE BELO

3. Does the school under study use advisory committees for its vocational programs?

( ) 1. Yes → If yes, can you name two persons serving on such committees? If not, check the space at the right. → ( )
( ) 2. No
( ) 3. Don't know

1. ______________________________
2. ______________________________

4. Does the school under study offer adult evening or apprenticeship related classes that would be of interest to your members?

( ) 1. Yes → If yes, which course is most useful to your members?
( ) 2. No
( ) 3. Don't know

____

SECTION II

UNION CHARACTERISTICS. In order to obtain an adequate picture of organized labor in this community it is essential that the characteristics of your union be incorporated in this study.

5. How many members were in your local union as of January 1, 1965? _____

6. Which of the following skilled trades are represented by your union? Please check the list below.

1. ( ) Automotive Mechanics
2. ( ) Auto Body Repair
3. ( ) Aircraft Mechanics
4. ( ) Air-conditioning & Heating
5. ( ) Carpentry
6. ( ) Commercial Art
7. ( ) Data Processing
8. ( ) Drafting
9. ( ) Electrical Trades
10. ( ) Electronics
11. ( ) Food Trades
12. ( ) Foundry
13. ( ) Machine Trades
14. ( ) Masonry
15. ( ) Mill and Cabinetry
16. ( ) Metal Trades
17. ( ) Painting and Decorating
18. ( ) Plumbing
19. ( ) Printing
20. ( ) Radio and TV Repair
21. ( ) Sheet Metal Fabrication
22. ( ) Shoe Repair
23. ( ) Tailoring - Power Sewing
24. ( ) Upholstery
25. ( ) Welding
26. ( ) ____________________
27. ( ) ____________________
28. ( ) ____________________
29. ( ) ____________________
30. ( ) ____________________

PLEASE DO NOT WRITE BELOW

Approximately what percentage of the total number of community tradesmen, who are working in the trades represented by your union, are members of your union? (For example, if your union represents printers, what percentage of the printers in the community are members of your union?)

( ) 1. 1%-10%
( ) 2. 11%-20%
( ) 3. 21%-30%
( ) 4. 31%-40%
( ) 5. 41%-50%
( ) 6. 51%-60%
( ) 7. 61%-70%
( ) 8. 71%-80%
( ) 9. 81%-90%
( ) 10. 91%-100%

How long has your union been established in this community?

( ) 1. Less than a year
( ) 2. 1-5 years
( ) 3. 6-10 years
( ) 4. 11-15 years
( ) 5. 16-20 years
( ) 6. More than 20 years

How many members did your organization have as of January 1, 1960?

1. ________ If the number is not available, check the space at the right and go on to item 10 below. → ( ) Do not complete item 10 if you have provided the requested information for item 9.

What has been the trend in the number of members in your union during the past five years?

( ) 1. An increase in members
( ) 2. A decrease in members
( ) 3. No change

→ If there has been an increase or decrease indicate the approximate percentage.

( ) 1. 1%-10%
( ) 2. 11%-20%
( ) 3. 21%-30%
( ) 4. 31%-40%
( ) 5. 41%-50%
( ) 6. 51%-60%
( ) 7. 61%-70%
( ) 8. 71%-80%
( ) 9. 81%-90%
( ) 10. 91%-100%
( ) 11. Over 100% (specify) ________

What is the extent of the geographical jurisdiction of your local union?

( ) 1. Plant only
( ) 2. City
( ) 3. County
( ) 4. Other (specify) ________

What are the requirements for journeymen status in your union?

( ) 1. Completion of an approved apprenticeship
( ) 2. Proof of the quality of one's trade experience
( ) 3. Proof of the number of years of one's trade experience
( ) 4. Payment of an entry fee. Specify amount $_____
( ) 5. Pass an examination conducted by the union
( ) 6. Other (specify) ______________________________

SECTION III

PLEASE DO NOT WRITE BELOW

APPRENTICE TRAINING. In order to determine the nature of apprenticeship training opportunities for graduates of high school vocational programs in this community, we need to know more about the educational activities of your organization.

13. **Is your union involved in an apprenticeship training program?**

( ) 1. No → If no, skip to Section IV item number 27.
( ) 2. Yes → If yes, what are the entry requirements? **Please check all that apply.**

( ) 1. personal interview
( ) 2. apprenticeship application review
( ) 3. aptitude testing
( ) 4. check on school references
( ) 5. check on employer references
( ) 6. check of applicant's school record
( ) 7. minimum age requirement of ____ years (specify)
( ) 8. minimum educational requirement of ________ (specify)
( ) 9. Payment of entry fees. Specify amount $______
( )10. Other (specify) ______________________

14. How many apprentices are now in training in the ______________ (specify trade) trade represented by your union?

( ) 1. 1-10
( ) 2. 11-20
( ) 3. 21-30
( ) 4. 31-40
( ) 5. 41-50
( ) 6. 51-60
( ) 7. 61-70
( ) 8. 71-80
( ) 9. 81-90
( ) 10. 91-100
( ) 11. Over 100

(specify) _____

15. How many openings for apprentice training did you have in 1964?

( ) 1. None
( ) 2. 1-5
( ) 3. 6-10
( ) 4. 11-15
( ) 5. 16-25
( ) 6. Other (specify) ______________

16. How many new apprentices began training in 1964?

( ) 1. None
( ) 2. 1-5
( ) 3. 6-10
( ) 4. 11-15
( ) 5. 16-25
( ) 6. Other (specify)_____

16.1 If there were new apprentices, how many were graduates of the school being studied? ______________

16.2 What was the total number of applicants for the openings? ______________

PLEASE DO NOT WRITE BELOW

How many apprentices were members of your union as of January 1, 1960?

1. ____________

How many apprentices do you expect to have in your union as of January 1, 1970?

1. ____________

What are the sources of apprentices? (Please indicate the approximate percentage of apprentices which are selected from each source but do not exceed 100% for the total.)

SOURCE

1. Graduates of high school vocational courses related to the trade .... ___%
2. Graduates of post-high school vocational courses related to the trade .... ___%
3. Graduates of private vocational school .... ___%
4. Persons with no training and/or experience in the trade ...... ___%
5. Persons with experience in the trade .... ___%
6. Drop-outs from college and university programs .... ___%
7. Other (specify) ____ ___%

How long has the apprenticeship program been in operation?

( ) 1. Less than a year
( ) 2. 1-5 years
( ) 3. 6-10 years
( ) 4. 11-15 years
( ) 5. 16-20 years
( ) 6. More than 20 years (specify) ____ years

How much "time credit" toward the apprenticeship is granted graduates of vocational programs of the school under study after they have completed their probationary period? If no graduates from the school under study have entered the program, check the space at the right. ——► ( )

( ) 1. No credit
( ) 2. 6 months
( ) 3. 1 year
( ) 4. 1 1/2 years
( ) 5. 2 years
( ) 6. 2 1/2 years
( ) 7. Other (specify) ____ years

PLEASE DO NOT
WRITE BELOW

22. Is the apprenticeship program represented by a joint apprenticeship council?

( ) 1. Yes → If yes, how is it structured?
( ) 2. No

1. How many representatives from labor ___
2. How many representatives from management ___
3. How many representatives from education ___

23. If there are representatives from education on the joint apprenticeship council, how many are from the school being studied?

( ) 1. All
( ) 2. Some (state number ______)
( ) 3. None

24. What is the length of the required apprenticeship in the trade represented by your union?

( ) 1. 3 years
( ) 2. 4 years
( ) 3. 5 years
( ) 4. 6 years
( ) 5. Other (specify) _____ years

25. Have graduates of the school under study been accepted into the apprenticeship programs?

( ) 1. Yes → If yes, what is your opinion of the performance of the graduates as apprentices as compared to others of the same age who have not completed a vocational program?
( ) 2. No
( ) 3. Not applicable

( ) 1. Less capability
( ) 2. Same capability
( ) 3. Greater capability

→ If less capability, indicate the areas of weakness.

( ) 1. Manual job skill
( ) 2. Job practical knowledge
( ) 3. Job theoretical knowledge
( ) 4. Mathematical skill
( ) 5. Communication skill
( ) 6. Reading and interpretive skill
( ) 7. Clerical skill
( ) 8. Personal relations skill
( ) 9. Supervisory skill
( ) 10. Work habits and attitudes
( ) 11. Other skill (specify) ______
____

PLEASE DO NOT WRITE BELOW

The list below consists of reasons why graduates of the school under study may be having difficulty gaining admission to apprenticeship training programs. At the left of the list of difficulties check those reasons that are appropriate in your programs, and at the right evaluate the list by placing a number one (1) after the main reason, and a number two (2) after the second most important reason. If no graduates of the school have applied for admission, check the space at the right. ⟶ ( )

APPROPRIATE REASONS		DIFFICULTIES IN APPRENTICESHIP ADMISSION	EVALUATION
( )	1.	Rating from interview	___
( )	2.	Recommendations from references	___
( )	3.	Citizenship record	___
( )	4.	Performance on admission test	___
( )	5.	Grades in high school vocational courses	___
( )	6.	Grades in high school academic courses	___
( )	7.	Small number of openings for apprenticeships	___
( )	8.	Applicants are under age	___
( )	9.	Most graduates do not experience difficulty	___
( )	10.	Other (specify) ______________________	___

SECTION IV

LATIONS WITH THE SCHOOL. The purpose of this section is to obtain information out interactions between your union and the school which may have a bearing on the employment of graduates from the vocational program.

. When was the last time you or a representative of your union visited the shops of the school under study?

VISIT BY YOU		VISIT BY REPRESENTATIVE
( ) 1.	Never visited the shops	( ) 1.
( ) 2.	Within the last six months	( ) 2.
( ) 3.	Between six months and a year ago	( ) 3.
( ) 4.	Between a year and two years ago	( ) 4.
( ) 5.	More than two years ago	( ) 5.
	Don't know	( ) 6.

. Below is a list of reasons why school personnel may initiate contact with unions. Estimate the number of times your office was contacted in 1964 by personnel from the school for the reasons listed. (A contact may be a personal visit, a phone discussion, or a letter.)

	NONE	1-3	4-6	7-9	10 or More
1. To find a job for a student	( )	( )	( )	( )	( )
2. To place a co-op student	( )	( )	( )	( )	( )
3. To discuss curriculum changes	( )	( )	( )	( )	( )
4. To extend invitation to a school activity	( )	( )	( )	( )	( )
5. To request a speaker	( )	( )	( )	( )	( )
6. To obtain advisory services	( )	( )	( )	( )	( )
7. To place a graduate	( )	( )	( )	( )	( )
8. To check progress of a graduate	( )	( )	( )	( )	( )
9. Inquire about apprenticeship opportunity	( )	( )	( )	( )	( )
10. To locate an instructor	( )	( )	( )	( )	( )
11. Other (specify) ____________________	( )	( )	( )	( )	( )

PLEASE DO NO
WRITE BELOW

9. How many times was your office contacted (visit, phone or letter) in 1964 by personnel from the school?

Estimate the number of contacts ________

30. Below is a list of reasons why labor officials may initiate contacts with school personnel. Estimate the number of times you and/or your union representatives contacted personnel at the school in 1964 for the reasons stated. (A contact may be a personal visit, a phone discussion or a letter.)

	None	1-3	4-6	7-9	10 or More
1. To fill apprenticeship openings	( )	( )	( )	( )	( )
2. To discuss applicants for apprenticeship	( )	( )	( )	( )	( )
3. To discuss apprenticeship committee problems	( )	( )	( )	( )	( )
4. To request curriculum changes	( )	( )	( )	( )	( )
5. To obtain an instructor	( )	( )	( )	( )	( )
6. To check references on apprentice applications	( )	( )	( )	( )	( )
7. To request use of school facility	( )	( )	( )	( )	( )
8. To check related class attendance record of apprentices	( )	( )	( )	( )	( )
9. To observe apprentice class instruction	( )	( )	( )	( )	( )
10. Other (specify) ________	( )	( )	( )	( )	( )

31. How many times did you and/or your representatives contact (visit, phone, or letter) personnel at the school in 1964?

Estimate the number of contacts ________

32. Have you served as a member of the school's vocational program advisory committee?

( ) 1. Yes, have been in the past
( ) 2. Yes, at the present time
( ) 3. No
( ) 4. Not applicable

→ If yes, answer sub items.

32.1 What type of committee was it?

( ) 1. General advisory committee
( ) 2. Craft advisory committee
( ) 3. Other (specify) ________
____

32.2 How often did the committee meet?

( ) 1. Monthly
( ) 2. Every other month
( ) 3. Quarterly
( ) 4. Twice a year
( ) 5. Once a year
( ) 6. Other (specify) ________
____

32.3 What is your personal opinion of the value of the committee for vocational program improvement?

( ) 1. Of great value
( ) 2. Of some value
( ) 3. Of doubtful value

PLEASE DO NOT WRITE BELOW

Did you*read, hear, or see anything about the school's vocational program in 1964 through any of the following media?

MEDIA	1 NO	2 YES	3 ABOUT HOW OFTEN?
1. Newspapers	( )	( )	___
2. Booklets, brochures, etc.	( )	( )	___
3. Radio	( )	( )	___
4. Television	( )	( )	___
5. Special displays or exhibits	( )	( )	___
6. Other (specify) ______________ ______________	( )	( )	___

. Which word best describes your office's relationship with the school's personnel?

( ) 1. Non-existent → If poor, please explain below
( ) 2. Poor
( ) 3. Good
( ) 4. Excellent

____
____
____

SECTION V

INIONS ABOUT THE SCHOOL. The purpose of this section is to obtain your inions about the school, its personnel, its graduates, and other factors that y have a bearing on how well the school does in placing vocational course aduates in the field for which trained or related fields. Your answers will kept in strict confidence.

. What are your opinions of the school in terms of the characteristics listed below? Give your answers by checking the appropriate space at the right. If you do not feel qualified to voice an opinion or have no opinion, please check the "no opinion" space.

SCHOOL CHARACTERISTICS	1 NO OPINION	2 POOR	3 FAIR	4 GOOD	5 EXCELLENT
1. Adequacy of shop facilities	( )	( )	( )	( )	( )
2. Competence of vocational instructors	( )	( )	( )	( )	( )
3. Adequacy of student counseling	( )	( )	( )	( )	( )
4. Efforts to prevent drop-outs	( )	( )	( )	( )	( )
5. Quality of course offerings	( )	( )	( )	( )	( )
6. Relationship with community	( )	( )	( )	( )	( )
7. Reputation in community	( )	( )	( )	( )	( )
8. Skill level of vocational graduates	( )	( )	( )	( )	( )
9. Relationship with local employers	( )	( )	( )	( )	( )
10. Relationship with local labor groups	( )	( )	( )	( )	( )
11. Quality of vocational students	( )	( )	( )	( )	( )
12. Variety of course offerings	( )	( )	( )	( )	( )
13. Relations with your office	( )	( )	( )	( )	( )
14. Effort to place graduates	( )	( )	( )	( )	( )
15. Work habits and attitudes of graduates	( )	( )	( )	( )	( )

Table 57. Characteristics of Community Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Number of Members as of January 1, 1965	V	H	8	117.2	186	88.3	19.9	187	1.35	2.28	188	2.73	1.12	189	3.16	0.71
		L	8	29.0	166	81.8	26.0	170	1.86	2.82	168	2.20	1.11	172	3.00	0.78
			t_U = .40		t = 2.64**			t = 1.88			t = 4.45**			t = 1.98*		
	C	H	6	242.8	135	84.1	24.9	136	1.39	2.02	134	2.39	1.08	135	3.15	0.77
(C-4, 5)		L	6	39.3	105	86.2	20.6	103	1.42	2.08	104	1.90	[illegible]10	104	2.97	0.67
			t_U = .44		t = .70			t = .13			t = 3.42**			t = 1.93		
Percentage of Unionization in Community	V	H	8	80.3	163	85.7	21.2	165	1.60	2.10	163	2.31	1.12	166	3.08	0.70
		L	8	40.0	189	84.9	24.8	192	1.59	2.91	193	2.63	1.15	195	3.08	0.79
			t_U = .99		t = .31			t = .04			t = -2.58*			t = .05		
	C	H	6	82.2	101	85.6	22.4	100	1.25	1.63	104	1.93	1.07	104	3.04	0.70
(C-4, 7)		L	6	49.7	139	84.6	23.6	139	1.51	2.29	134	2.37	1.11	135	3.10	0.76
			t_U = .60		t = .35			t = .97			t = -3.10**			t = .59		
Length of Time Union Established in Community	V	H	8	6.0	160	84.5	23.8	157	1.80	2.86	160	2.34	1.12	162	2.99	0.75
		L	8	5.2	192	85.9	22.7	200	1.43	2.30	196	2.60	1.16	199	3.15	0.74
			t_U = .69		t = .55			t = 1.34			t = -2.09*			t = -2.00*		
	C	H	7	6.0	137	83.0	25.2	132	1.63	2.48	132	2.10	1.12	134	3.04	0.70
(C-4, 8)		L	5	4.5	103	87.7	19.6	107	1.12	1.29	106	2.28	1.11	105	3.11	0.78
			t_U = 1.49		t = 1.58			t = 1.93			t = 1.19			t = .69		
Trend in Number of Members in Past Five Years	V	H	8	120.6	186	89.5	18.8	193	1.15	2.28	195	2.77	1.12	197	3.20	0.72
		L	8	101.4	166	80.4	26.5	164	2.12	2.78	161	2.14	1.08	164	2.93	0.76
			t_U = -2.45*		t = 3.74**			t = 3.62**			t = 5.31**			t = 3.49**		
	C	H	6	154.4	132	83.3	25.6	132	1.42	2.05	130	2.42	1.10	131	3.14	0.78
(C-4, 5, 9, 10)		L	5	95.2	84	85.3	20.6	82	1.59	2.26	84	1.82	1.09	84	2.99	0.64
			t_U = .80		t = .60			t = .56			t = 3.88**			t = 1.51		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 58. Trade Representation by Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Trades Represented by Your Union	V	H	8	3.8	163	83.5	25.2	165	1.77	2.99	164	2.42	1.15	165	2.99	0.77
		L	8	1.6	189	86.8	21.2	192	1.44	2.13	192	2.54	1.14	196	3.16	0.72
			t_U = 1.07		t = 1.33			t = 1.23			t = .97			t = -2.06*		
	C	H	6	4.2	114	84.3	24.6	112	1.44	2.15	113	2.18	1.11	115	3.10	0.73
(C-4, 6)		L	6	1.4	126	85.7	21.7	127	1.37	1.95	125	2.18	1.12	124	3.05	0.73
			t_U = .36		t = .46			t = .24			t = .03			t = .49		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 59. Extent of Labor Organization Jurisdiction

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
	V	H	5	0.283	108	84.3	24.2	112	1.84	3.13	111	2.51	1.20	111	2.98	0.82
Plant Only		L	11	0.000	244	85.6	22.8	245	1.48	2.26	245	2.47	1.12	250	3.13	0.71
			$\underline{t}_U$ = 1.42		$\underline{t}$ = .50			$\underline{t}$ = 1.21			$\underline{t}$ = .32			$\underline{t}$ = 1.71		
	C	H	3	0.456	70	89.7	18.1	75	1.01	1.13	72	2.38	1.11	71	3.19	0.76
		L	9	0.000	170	83.1	24.6	164	1.58	2.33	166	2.09	1.11	168	3.02	0.72
(C-4, 11.1)			$\underline{t}_U$ = 3.95**		$\underline{t}$ = 2.02*			$\underline{t}$ = 1.99*			$\underline{t}$ = 1.80			$\underline{t}$ = 1.63		
City	V	H	6	0.379	130	90.0	18.1	134	.99	2.09	136	2.96	1.05	137	3.29	0.68
		L	10	0.000	193	83.1	25.4	191	1.89	2.75	191	2.22	1.11	195	2.96	0.79
(C-4, 11.2)			$\underline{t}_U$ = 1.81		$\underline{t}$ = 2.67**			$\underline{t}$ = 3.19**			$\underline{t}$ = 6.10**			$\underline{t}$ = 3.97**		
County	V	H	8	0.445	178	83.7	24.2	179	1.63	2.55	177	2.48	1.12	180	3.08	0.76
		L	8	0.063	174	86.8	22.0	178	1.56	2.59	179	2.48	1.17	181	3.08	0.74
			$\underline{t}_U$ = 1.93		$\underline{t}$ = 1.25			$\underline{t}$ = .28			$\underline{t}$ = ,02			$\underline{t}$ = .05		
	C	H	4	0.466	80	84.4	23.7	77	1.34	2.14	80	2.29	1.10	81	3.05	0.69
		L	8	0.000	160	85.3	22.8	162	1.43	2.00	158	2.13	1.12	158	3.08	0.75
(C-4, 11.3)			$\underline{t}_U$ = .11		$\underline{t}$ = .27			$\underline{t}$ = .31			$\underline{t}$ = 1.06			$\underline{t}$ = .28		
	V	H	8	0.840	158	86.9	23.4	158	1.45	2.50	159	2.51	1.13	162	3.10	0.72
Other than Above		L	8	0.400	194	83.9	23.0	199	1.71	2.61	197	2.46	1.16	199	3.06	0.77
			$\underline{t}_U$ = .29		$\underline{t}$ = 1.20			$\underline{t}$ = .95			$\underline{t}$ = .44			$\underline{t}$ = .54		
	C	H	6	1.000	103	82.7	24.3	101	1.71	2.35	101	1.95	1.09	102	3.02	0.72
		L	6	0.461	137	86.8	22.0	138	1.18	1.76	137	2.35	1.10	137	3.11	0.74
(C-4, 11.4)			$\underline{t}_U$ = 1.95		$\underline{t}$ = 1.37			$\underline{t}$ = 1.97*			$\underline{t}$ = 2.74**			$\underline{t}$ = .94		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 60. Labor Organization Requirements for Journeyman Status

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Completion of an Approved Apprenticeship	V	H	8	1.000	163	82.4	24.4	157	1.99	2.76	160	2.08	1.08	163	2.90	0.79
		L	7	0.462	174	87.6	21.6	183	1.31	2.43	180	2.84	1.10	181	3.23	0.69
			t_U = 1.33		t = -2.05*			t = -2.39*			t = -6.35**			t = -4.09**		
	C	H	8	1.000	134	83.7	23.8	132	1.52	2.16	134	2.04	1.08	135	3.06	0.72
		L	4	0.567	106	86.6	22.1	107	1.26	1.89	104	2.37	1.13	104	3.09	0.75
(C-4, 12.1)			t_U = .61		t = .96			t = .98			t = -2.29*			t = .26		
Proof of the Quality of One's Trade Experience	V	H	7	0.819	151	85.0	24.0	153	1.56	2.67	152	2.49	1.16	154	3.12	0.70
		L	8	0.354	186	85.1	22.4	187	1.68	2.55	188	2.48	1.15	190	3.04	0.79
			t_U = .63		t = .05			t = .40			t = .08			t = .99		
	C	H	7	1.000	121	85.9	22.0	118	1.38	2.13	119	2.01	1.09	120	3.02	0.68
		L	5	0.350	119	84.2	24.2	121	1.42	1.96	119	2.35	1.12	119	3.13	0.78
(C-4, 12.2)			t_U = .39		t = .57			t = .16			t = -2.43*			t = 1.18		
Proof of the Number of Years of One's Trade Experience	V	H	7	0.725	161	86.0	22.1	163	1.41	2.33	161	2.46	1.17	163	3.12	0.73
		L	8	0.166	176	84.2	24.0	177	1.82	2.83	179	2.51	1.14	181	3.04	0.77
			t_U = 1.20		t = .70			t = 1.45			t = .40			t = 1.00		
	C	H	6	0.967	140	86.0	22.3	136	1.46	2.30	134	1.99	1.08	135	2.97	0.69
		L	6	0.381	100	83.6	24.2	103	1.33	1.65	104	2.42	1.12	104	3.21	0.76
(C-4, 12.3)			t_U = .95		t = .81			t = .47			t = -3.01**			t = -2.53*		
Payment of an Entry Fee	V	H	7	0.890	161	83.4	24.4	159	1.76	2.53	158	2.24	1.14	161	3.03	0.75
		L	8	0.406	176	86.7	21.8	181	1.51	2.67	182	2.70	1.13	183	3.12	0.75
			t_U = 1.49		t = 1.30			t = .88			t = -3.71**			t = 1.08		
	C	H	6	0.817	126	84.1	23.6	121	1.61	2.42	121	2.00	1.12	122	2.97	0.68
		L	6	0.228	114	86.0	22.6	118	1.19	1.55	117	2.37	1.08	117	3.18	0.77
(C-4, 12.4)			t_U = 2.09		t = .64			t = 1.57			t = -2.57*			t = -2.26*		
Amount of Entry Fee	V	H	7	287.21	203	86.0	22.6	204	1.46	2.67	208	2.63	1.15	210	3.10	0.77
		L	8	54.06	137	84.1	24.1	140	1.69	2.30	135	2.28	1.12	138	3.05	0.74
			t_U = .92		t = .74			t = .85			t = -2.82**			t = .54		
	C	H	5	206 30	100	83.0	25.2	97	1.75	2.63	94	2.20	1.16	96	3.06	0.73
		L	5	47.27	83	84.0	22.6	81	1.31	1.72	87	2.00	1.04	87	3.01	0.68
(C-4, 12.4)			t_U = 1.07		t = .28			t = 1.30			t = 1.23			t = .40		
Pass an Examination Conducted by the Union	V	H	8	0.798	187	85.2	23.7	188	1.53	2.51	189	2.47	1.17	193	3.15	0.74
		L	7	0.361	150	84.9	22.4	152	1.75	2.72	151	2.51	1.14	151	2.98	0.76
			t_U = .22		t = .12			t = .77			t = .33			t = 2.05*		
	C	H	6	0.944	102	85.6	21.7	99	1.43	2.12	102	1.92	1.08	102	3.02	0.67
		L	6	0.330	138	84.6	24.1	140	1.38	2.00	136	2.37	1.11	137	3.11	0.77
(C-4, 12.5)			t_U = .36		t = .32			t = .16			t = -3.12**			t = .90		
Other than Above	V	H	8	0.396	195	86.5	22.2	196	1.33	2.52	199	2.45	1.17	202	3.11	0.77
		L	7	0.013	142	83.1	24.2	144	2.02	2.68	141	2.53	1.13	142	3.02	0.73
			t_U = .28		t = 1.33			t = 2.41*			t = .57			t = 1.09		
	C	H	6	0.400	105	83.3	22.9	105	1.53	2.00	108	2.30	1.12	107	3.16	0.77
		L	6	0.033	135	86.4	23.2	134	1.30	2.08	130	2.08	1.10	132	3.00	0.69
(C-4, 12.6)			t_U = .28		t = 1.02			t = .86			t = 1.57			t = 1.74		
Total Number of Requirements for Status	V	H	7	4.191	154	82.8	24.6	153	1.75	2.58	152	2.22	1.16	155	3.02	0.75
		L	8	2.250	183	87.0	21.6	187	1.52	2.63	188	2.70	1.11	189	3.12	0.76
			t_U = 1.56		t = 1.65			t = .83			t = -3.89**			t = 1.13		
	C	H	6	4.556	102	85.6	21.7	99	1.43	2.12	102	1.92	1.08	102	3.02	0.67
		L	6	2.714	138	84.6	24.1	140	1.38	2.00	136	2.37	1.11	137	3.11	0.77
(C-4, 12V)			t_U = .36		t = .32			t = .16			t = -3.12**			t = .90		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 61. Entry Requirements for Apprenticeship Training Program

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Personal Interview	V H	11	1.000	235	85.3	23.1	242	1.56	2.64	239	2.51	1.15	241	3.09	0.76
	V L	3	0.711	68	83.0	24.9	64	1.91	2.63	66	2.16	1.10	68	3.01	0.71
		$\underline{t}_U$ = .24		$\underline{t}$ = .71			$\underline{t}$ = .94			$\underline{t}$ = 2.18*			$\underline{t}$ = .70		
	C H	7	1.000	161	85.3	23.2	157	1.44	2.19	156	2.13	1.13	156	3.05	0.72
	C L	4	0.354	55	80.5	25.3	57	1.59	1.95	58	2.33	1.11	59	3.16	0.75
(C-4, 13.1)		$\underline{t}_U$ = .73		$\underline{t}$ = 1.30			$\underline{t}$ = .46			$\underline{t}$ = 1.16			$\underline{t}$ = .92		
Apprenticeship Application Review	V H	10	1.000	238	85.9	22.8	240	1.41	2.40	239	2.62	1.11	242	3.14	0.74
	V L	4	0.604	65	81.0	25.7	66	2.44	3.26	66	1.75	0.98	67	2.80	0.75
		$\underline{t}_U$ = 1.39		$\underline{t}$ = 1.48			$\underline{t}$ = 2.84**			$\underline{t}$ = 5.75**			$\underline{t}$ = 3.32**		
	C H	6	1.000	118	84.8	23.3	119	1.51	2.15	115	2.14	1.17	115	3.10	0.73
	C L	5	0.450	98	83.2	24.3	95	1.44	2.11	99	2.24	1.08	100	3.06	0.74
(C-4, 13.2)		$\underline{t}_U$ = .27		$\underline{t}$ = .49			$\underline{t}$ = .25			$\underline{t}$ = .68			$\underline{t}$ = .33		
Aptitude Testing	V H	7	0.912	176	83.6	25.4	173	1.64	2.79	174	2.37	1.17	177	3.04	0.81
	V L	7	0.416	127	86.5	20.4	133	1.62	2.43	131	2.52	1.11	132	3.12	0.67
		$\underline{t}_U$ = .85		$\underline{t}$ = 1.07			$\underline{t}$ = .05			$\underline{t}$ = 1.09			$\underline{t}$ = .92		
	C H	6	0.903	134	85.8	22.6	132	1.46	2.21	131	2.23	1.15	131	3.12	0.74
(C-4, 13.3)	C L	5	0.250	82	81.4	25.5	82	1.52	2.01	83	2.12	1.10	84	3.02	0.71
		$\underline{t}_U$ = 1.13		$\underline{t}$ = 1.31			$\underline{t}$ = .21			$\underline{t}$ = .70			$\underline{t}$ = 1.03		
Check on School References	V H	7	0.909	157	83.0	25.7	160	1.74	2.99	159	2.49	1.14	161	3.06	0.78
	V L	7	0.367	146	86.8	20.7	146	1.51	2.19	146	2.37	1.15	148	3.09	0.72
		$\underline{t}_U$ = .22		$\underline{t}$ = 1.40			$\underline{t}$ = .74			$\underline{t}$ = .95			$\underline{t}$ = .35		
	C H	6	0.903	105	85.8	22.2	104	1.40	2.05	103	2.27	1.19	103	3.14	0.75
	C L	5	0.100	111	82.5	25.2	110	1.56	2.21	111	2.11	1.07	112	3.03	0.72
(C-4, 13.4)		$\underline{t}_U$ = 1.24		$\underline{t}$ = 1.03			$\underline{t}$ = .54			$\underline{t}$ = .99			$\underline{t}$ = 1.05		
Check on Employer References	V H	7	0.821	140	87.3	21.6	142	1.63	2.84	143	2.57	1.12	143	3.05	0.78
	V L	7	0.199	163	82.7	24.8	164	1.63	2.46	162	2.32	1.16	166	3.09	0.72
		$\underline{t}_U$ = .60		$\underline{t}$ = 1.69			$\underline{t}$ = .00			$\underline{t}$ = 1.92			$\underline{t}$ = .43		
	C H	5	1.000	103	84.0	24.5	105	1.62	2.26	100	2.14	1.17	100	3.15	0.74
	C L	6	0.222	113	84.2	23.2	109	1.35	1.99	114	2.22	1.09	115	3.02	0.72
(C-4, 13.5)		$\underline{t}_U$ = .48		$\underline{t}$ = .07			$\underline{t}$ = .91			$\underline{t}$ = .49			$\underline{t}$ = 1.29		
Check on Applicants School Record	V H	7	0.976	140	83.1	25.4	142	1.96	3.18	143	2.30	1.11	145	2.99	0.80
	V L	7	0.490	163	86.3	21.6	164	1.34	2.02	162	2.55	1.16	164	3.14	0.70
		$\underline{t}_U$ = 1.90		$\underline{t}$ = 1.18			$\underline{t}$ = -2.06*			$\underline{t}$ = 1.87			$\underline{t}$ = 1.73		
	C H	5	1.000	86	87.6	21.6	87	1.10	1.46	86	2.31	1.22	86	3.16	0.73
(C-4, 13.6)	C L	6	0.306	130	81.8	25.0	127	1.74	2.46	128	2.10	1.06	129	3.03	0.73
		$\underline{t}_U$ = 1.59		$\underline{t}$ = 1.75			$\underline{t}$ = 2.16 *			$\underline{t}$ = 1.35			$\underline{t}$ = 1.34		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 61. Entry Requirements for Apprenticeship Training Program (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Minimum Age Requirement	V	H	11	1.000	255	84.0	24.3	258	1.61	2.62	256	2.46	1.15	260	3.09	0.74
		L	3	0.500	48	89.3	18.0	48	1.73	2.77	49	2.32	1.13	49	2.93	0.82
			$\underline{t}_U$ = .54		$\underline{t}$ = 1.44			$\underline{t}$ = .27			$\underline{t}$ = .76			$\underline{t}$ = 1.37		
(C-4, 13.7)	C	H	9	1.000	153	84.8	22.6	153	1.42	1.99	154	2.17	1.17	154	3.10	0.70
		L	2	0.750	63	82.3	26.5	61	1.64	2.44	60	2.23	1.03	61	3.02	0.80
			$\underline{t}_U$ = 1.24		$\underline{t}$ = .71			$\underline{t}$ = .67			$\underline{t}$ = .37			$\underline{t}$ = .73		
Minimum Years Specified	V	H	6	4.06	133	82.2	26.5	134	1.77	2.68	131	2.27	1.11	133	3.03	0.73
		L	7	2.36	165	86.0	21.4	156	1.62	2.71	156	2.51	1.17	158	3.10	0.77
			$\underline{t}_U$ = 1.46		$\underline{t}$ = 1.30			$\underline{t}$ = .45			$\underline{t}$ = 1.82			$\underline{t}$ = .75		
(C-4, 13.7Y)	C	H	6	3.50	118	84.8	23.1	115	1.59	2.45	113	2.16	1.14	115	3.03	0.71
		L	5	1.90	98	83.2	24.7	99	1.36	1.67	101	2.21	1.12	100	3.14	0.75
			$\underline{t}_U$ = .36		$\underline{t}$ = .50			$\underline{t}$ = .77			$\underline{t}$ = .36			$\underline{t}$ = 1.04		
Minimum Educational Requirement	V	H	7	0.833	132	80.9	26.6	134	2.16	2.84	130	2.02	1.06	132	2.93	0.75
		L	7	0.410	171	87.9	20.3	172	1.22	2.39	175	2.74	1.11	177	3.18	0.74
			$\underline{t}_U$ = .36		$\underline{t}$ = -2.60 **			$\underline{t}$ = -3.16 **			$\underline{t}$ = -5.71 **			$\underline{t}$ = -2.93 **		
(C-4, 13.8)	C	H	8	1.000	119	84.1	23.2	118	1.36	1.79	123	2.04	1.13	124	3.06	0.68
		L	3	0.444	97	84.1	24.6	96	1.64	2.47	91	2.38	1.10	91	3.11	0.80
			$\underline{t}_U$ = .55		$\underline{t}$ = .01			$\underline{t}$ = .96			$\underline{t}$ = -2.22 *			$\underline{t}$ = .55		
Payment of Entry Fees	V	H	7	0.80	176	84.6	24.3	174	1.45	2.28	173	2.49	1.15	176	3.12	0.71
		L	7	0.24	127	85.1	22.3	132	1.87	3.04	132	2.35	1.13	133	3.00	0.80
			$\underline{t}_U$ = 2.59 *		$\underline{t}$ = .17			$\underline{t}$ = 1.41			$\underline{t}$ = 1.07			$\underline{t}$ = 1.37		
(C-4, 13.9)	C	H	5	1.00	115	83.0	25.6	112	1.74	2.63	108	2.06	1.10	110	3.03	0.71
		L	6	0.42	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
			$\underline{t}_U$ = 1.01		$\underline{t}$ = .74			$\underline{t}$ = 1.89			$\underline{t}$ = 1.70			$\underline{t}$ = .97		
Amount of Entry Fee	V	H	5	54.27	121	86.1	22.0	125	1.73	2.91	124	2.44	1.17	124	3.00	0.79
		L	6	20.17	116	80.7	26.8	113	1.82	2.44	111	2.20	1.13	114	3.01	0.73
			$\underline{t}_U$ = 3.60 **		$\underline{t}$ = 1.69			$\underline{t}$ = .25			$\underline{t}$ = 1.63			$\underline{t}$ = .10		
(C-4, 13.9)	C	H	4	104.50	121	80.9	26.7	118	1.82	2.63	115	2.15	1.03	117	3.04	0.75
		L	5	15.17	52	90.2	14.5	50	0.92	0.99	55	1.93	1.19	55	3.03	0.61
			$\underline{t}_U$ = 1.36		$\underline{t}$ = 2.35 *			$\underline{t}$ = 2.36 *			$\underline{t}$ = 1.23			$\underline{t}$ = .03		
Other than Above	V	H	5	0.383	107	76.1	28.1	106	2.39	3.09	103	1.79	.96	105	2.76	0.78
		L	9	0.000	196	89.6	18.9	200	1.23	2.27	202	2.76	1.09	204	3.23	0.69
			$\underline{t}_U$ = 1.24		$\underline{t}$ = -4.96 **			$\underline{t}$ = -3.73 **			$\underline{t}$ = -7.66 **			$\underline{t}$ = -5.39 **		
(C-4. 13.10)	C	H	3	0.361	46	84.2	20.3	41	1.60	2.53	45	2.11	1.07	45	2.95	0.69
		L	8	0.000	170	84.1	24.7	173	1.45	2.02	169	2.21	1.15	170	3.12	0.74
			$\underline{t}_U$ = .67		$\underline{t}$ = .04			$\underline{t}$ = .39			$\underline{t}$ = .51			$\underline{t}$ = 1.34		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 62. Union Involvement in Apprenticeship Training

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			· RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Involvement in Apprenticeship Training	V	H	8	0.977	164	80.1	26.8	163	2.19	3.00	160	2.05	1.06	163	2.91	0.78
		L	8	0.479	188	89.8	18.4	194	1.09	2.00	196	2.84	1.09	198	3.22	0.69
			$\underline{t}_U$ = 1.40		$\underline{t}$ = -3.98**			$\underline{t}$ = -4.12**			$\underline{t}$ = -6.88**			$\underline{t}$ = -3.99**		
	C	H	6	1.000	90	85.6	22.8	90	1.23	1.65	92	2.14	1.13	93	3.10	0.73
		L	6	0.622	150	84.6	23.3	149	1.51	2.25	146	2.21	1.11	146	3.05	0.73
(C-4, 13)			$\underline{t}_U$ = .69		$\underline{t}$ = .33			$\underline{t}$ = .99			$\underline{t}$ = .47			$\underline{t}$ = .50		
Number of Apprentices in Training	V	H	7	4.478	157	85.6	21.6	152	1.64	2.37	155	2.39	1.13	157	3.02	0.79
		L	7	1.500	140	85.4	24.4	147	1.61	2.93	146	2.48	1.16	148	3.14	0.72
			$\underline{t}_U$ = 2.17*		$\underline{t}$ = .08			$\underline{t}$ = .12			$\underline{t}$ = .64			$\underline{t}$ = 1.42		
	C	H	6	5.444	131	84.4	24.0	131	1.36	1.90	132	2.34	1.11	132	3.13	0.76
		L	6	1.819	109	85.8	22.0	108	1.46	2.21	106	1.98	1.09	107	3.00	0.68
(C-4, 14)			$\underline{t}_U$ = .20		$\underline{t}$ = .48			$\underline{t}$ = .38			$\underline{t}$ = 2.56*			$\underline{t}$ = 1.32		
Number of Openings in 1964	V	H	7	3.477	143	85.9	21.8	144	1.60	2.26	142	2.41	1.16	143	3.03	0.76
		L	7	2.071	160	83.9	24.9	162	1.66	2.94	163	2.46	1.14	166	3.11	0.74
			$\underline{t}_U$ = 1.39		$\underline{t}$ = .74			$\underline{t}$ = .19			$\underline{t}$ = .38			$\underline{t}$ = .90		
(C-4, 15)	C	H	6	3.278	131	84.4	24.0	131	1.36	1.90	132	2.34	1.11	132	3.13	0.76
		L	6	2.083	109	85.8	22.0	108	1.46	2.21	106	1.98	1.09	107	3.00	0.68
			$\underline{t}_U$ = .20		$\underline{t}$ = .48			$\underline{t}$ = .38			$\underline{t}$ = 2.56*			$\underline{t}$ = 1.32		
Number that Began Training in 1964	V	H	7	3.385	143	85.9	21.8	144	1.60	2.26	142	2.41	1.16	143	3.03	0.76
		L	7	2.078	160	83.9	24.9	162	1.66	2.94	163	2.46	1.14	166	3.11	0.74
			$\underline{t}_U$ = 1.39		$\underline{t}$ = .74			$\underline{t}$ = .19			$\underline{t}$ = .38			$\underline{t}$ = .90		
(C-4, 16)	C	H	6	3.208	140	83.9	24.0	138	1.54	2.24	138	2.30	1.08	138	3.12	0.78
		L	6	2.250	100	86.6	21.8	101	1.22	1.73	100	2.01	1.14	101	3.01	0.66
			$\underline{t}_U$ = .20		$\underline{t}$ = .91			$\underline{t}$ = 1.20			$\underline{t}$ = 1.97			$\underline{t}$ = 1.16		
Number of New Apprentices from School in This Study	V	H	6	5.264	134	82.5	24.1	130	1.83	2.52	129	2.23	1.10	131	2.93	0.79
		L	7	0.678	133	86.1	23.6	137	1.66	2.80	137	2.49	1.17	130	3.10	0.71
			$\underline{t}_U$ = 2.26*		$\underline{t}$ = 1.22			$\underline{t}$ = .52			$\underline{t}$ = 1.81			$\underline{t}$ = 1.82		
	C	H	4	1.625	84	83.6	25.1	82	1.44	2.30	80	2.38	1.12	82	3.00	0.72
		L	4	0.500	68	83.8	23.2	64	1.69	2.46	67	1.77	1.04	67	3.03	0.65
(C-4, 16.1)			$\underline{t}_U$ = 1.07		$\underline{t}$ = .05			$\underline{t}$ = .64			$\underline{t}$ = 3.39**			$\underline{t}$ = .21		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 62. Union Involvement in Apprenticeship Training (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Total Number of Applicants for the Openings	V	H	5	56.811	97	82.2	25.0	101	2.13	3.02	97	2.35	1.13	97	2.94	0.78
		L	5	19.900	113	83.6	23.7	106	1.61	2.35	110	2.12	1.13	113	2.97	0.78
			t_u = 1.05		t = .42			t = 1.38			t = 1.50			t = .32		
	C	H	4	87.958	78	85.7	22.2	78	1.16	1.32	80	2.34	1.13	79	3.13	0.79
		L	5	13.400	125	85.5	23.2	122	1.54	2.41	119	1.98	1.06	120	3.00	0.70
(C-4, 16.2)			t_u = .21		t = .07			t = 1.28			t = 2.26*			t = 1.26		
Number of Members as of January 1, 1960	V	H	7	4.214	156	83.8	22.9	153	1.65	2.39	153	2.38	1.15	155	3.00	0.77
		L	6	1.611	135	85.9	24.2	140	1.52	2.82	139	2.51	1.15	141	3.14	0.74
			t_u = 2.74**		t = .74			t = .40			t = .99			t = 1.60		
	C	H	6	2.917	113	84.2	23.2	109	1.35	1.99	114	2.22	1.09	115	3.02	0.72
		L	5	1.000	103	84.0	24.5	105	1.62	2.26	100	2.14	1.17	100	3.15	0.74
(C-4, 17)			t_u = .48		t = .07			t = .91			t = .49			t = 1.29		
Number of Apprentices Expected in 1970	V	H	6	8.046	125	85.5	22.8	126	1.52	2.26	124	2.48	1.17	125	3.06	0.77
		L	7	1.952	142	83.2	24.8	141	1.94	2.97	142	2.27	1.12	144	2.99	0.75
			t_u = 1.66		t = .77			t = 1.28			t = 1.49			t = .74		
	C	H	5	12.600	104	86.5	22.0	102	1.20	1.93	104	2.25	1.07	105	3.04	0.70
		L	6	1.792	88	81.3	25.6	87	1.86	2.49	86	1.93	1.07	87	3.07	0.73
(C-4, 18)			t_u = 1.39		t = 1.50			t = 2.07*			t = 2.06*			t = .26		
Trend in the Number of Apprentices (1960 - 1970)	V	H	6	221.991	128	84.6	25.6	132	1.61	2.76	129	2.58	1.15	130	3.12	0.70
		L	6	125.833	127	83.9	22.2	122	1.79	2.48	124	2.16	1.12	126	2.90	0.81
			t_u = .50		t = .23			t = .55			t = 2.91**			t = 2.27*		
	C	H	4	233.750	64	84.2	21.3	61	1.75	2.33	63	1.87	1.11	63	2.99	0.75
		L	5	106.000	109	83.4	25.5	107	1.44	2.29	107	2.21	1.06	109	3.06	0.68
(C-4, 17, 18)			t_u = .35		t = .21			t = .82			t = 1.96			t = .65		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 63. Sources of Apprentices for Training Program

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Graduates of High School Vocational Courses Related to the Trade	V	H	7	39.135	163	85.9	22.8	163	1.42	2.43	165	2.63	1.10	168	3.19	0.67
		L	7	7.928	140	83.6	24.2	143	1.87	2.84	140	2.20	1.16	141	2.92	0.81
			t_U = .39		t = .86			t = 1.47			t = 3.30**			t = 3.23**		
	C	H	6	38.338	133	84.7	23.8	131	1.31	1.87	132	2.33	1.12	132	3.08	0.77
		L	6	0.833	107	85.4	22.3	108	1.52	2.24	106	1.99	1.08	107	3.07	0.68
(C-4, 19.1)			t_U = .44		t = .24			t = .77			t = 2.40*			t = .15		
Graduates of Post-High School Vocational Courses Related to the Trade	V	H	6	11.500	136	85.3	20.6	135	1.58	2.00	134	2.30	1.15	136	3.05	0.72
		L	8	0.000	167	84.4	25.6	171	1.67	3.05	171	2.53	1.13	173	3.08	0.78
			t_U = 1.34		t = .32			t = .32			t = 1.74			t = .33		
	C	H	5	5.957	100	83.7	24.2	95	1.37	2.07	99	2.23	1.09	100	3.00	0.74
		L	7	0.000	140	86.0	22.3	144	1.42	2.03	139	2.15	1.13	139	3.13	0.73
(C-4, 19.2)			t_U = 1.42		t = .75			t = .17			t = .57			t = 1.36		
Graduates of Private Vocational School	V	H	4	11.917	109	87.3	20.7	112	1.16	2.03	111	2.84	1.06	113	3.31	0.61
		L	10	0.000	194	83.4	24.8	194	1.90	2.91	194	2.20	1.13	196	2.93	0.79
			t_U = .12		t = 1.38			t = 2.39*			t = 4.86**			t = 4.38**		
	C	H	3	14.567	93	86.4	23.1	93	1.27	1.97	89	2.40	1.13	89	3.07	0.77
		L	9	0.000	147	84.1	23.1	146	1.49	2.09	149	2.05	1.09	150	3.07	0.71
(C-4, 19.3)			t_U = .23		t = .75			t = .81			t = 2.38*			t = .02		
Persons with No Training and/or Experience in the Trade	V	H	7	54.310	152	84.9	24.3	155	1.67	2.76	153	2.46	1.16	154	3.04	0.80
		L	7	13.222	151	84.8	22.6	151	1.59	2.52	152	2.40	1.13	155	3.09	0.70
			t_U = .25		t = .03			t = .29			t = .46			t = .58		
	C	H	6	60.583	128	82.6	25.2	124	1.65	2.53	124	2.18	1.05	126	3.05	0.70
		L	6	6.700	112	87.8	20.1	115	1.14	1.29	114	2.18	1.18	113	3.09	0.77
(C-4, 19.4)			t_U = 1.18		t = 1.74			t = 1.91			t = .02			t = .43		
Persons with Experience in the Trade	V	H	7	29.962	130	83.7	25.0	129	1.85	2.68	128	2.37	1.13	130	3.02	0.72
		L	7	7.607	173	85.7	22.3	177	1.47	2.60	177	2.48	1.15	179	3.10	0.77
			t_U = 1.01		t = .72			t = 1.22			t = .79			t = .95		
	C	H	6	48.417	105	87.6	21.6	108	1.10	1.43	106	2.31	1.18	106	3.17	0.73
		L	6	11.500	135	83.0	24.0	131	1.65	2.41	132	2.07	1.05	133	2.99	0.72
(C-4, 19.5)			t_U = 2.71*		t = 1.55			t = 2.09*			t = 1.65			t = 1.92		
Drop-Outs from College and University Programs	V	H	7	7.428	154	83.1	23.7	149	1.87	2.67	152	2.14	1.12	154	2.89	0.80
		L	7	0.000	149	86.6	23.2	157	1.40	2.59	153	2.73	1.09	155	3.25	0.65
			t_U = .95		t = 1.31			t = 1.56			t = -4.61**			t = -4.39**		
	C	H	5	4.583	113	83.9	24.4	107	1.63	2.53	108	1.98	1.07	109	3.01	0.69
		L	7	0.000	127	86.0	21.8	132	1.22	1.53	130	2.35	1.12	130	3.12	0.76
(C-4, 19.6)			t_U = 2.15		t = .68			t = 1.56			t = -2.56*			t = 1.18		
Other than Above	V	H	6	22.61	122	86.7	19.7	119	1.62	2.40	122	2.51	1.15	123	3.01	0.76
		L	8	0.000	181	83.6	25.7	187	1.64	2.79	183	2.38	1.14	186	3.11	0.74
			t_U = .67		t = 1.13			t = .04			t = .91			t = 1.07		
	C	H	5	18.603	76	84.5	21.4	71	1.58	2.21	76	1.94	1.10	76	3.01	0.73
		L	7	0.000	164	85.2	23.9	168	1.33	1.97	162	2.30	1.10	163	3.10	0.73
(C-4, 19.7)			t_U = 1.37		t = .21			t = .85			t = -2.33*			t = .86		
Variety of Sources Used	V	H	7	3.053	154	86.4	19.7	151	1.47	1.94	152	2.38	1.15	154	3.05	0.73
		L	7	1.821	149	83.2	26.7	155	1.79	3.18	153	2.49	1.14	155	3.09	0.77
			t_U = 1.99		t = 1.17			t = 1.06			t = .82			t = .36		
	C	H	6	3.472	146	84.8	24.0	143	1.51	2.28	141	2.14	1.13	141	3.09	0.73
		L	6	1.756	94	85.4	21.6	96	1.25	1.64	97	2.24	1.10	98	3.06	0.73
C-4, 19V)			t_U = .95		t = .19			t = .97			t = .73			t = .32		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 64. Operation of Apprenticeship Program

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Length of Time Program Has Been In Operation	V H	7	5.338	157	84.8	21.9	160	1.54	2.19	157	2.38	1.15	160	3.10	0.71
	L	7	4.262	146	84.8	25.1	146	1.73	3.06	148	2.49	1.13	149	3.03	0.79
		t_U =	.13	t = .02			t = .60			t = .90			t = .86		
	C H	6	5.236	127	83.3	25.3	122	1.64	2.54	121	2.08	1.09	123	3.04	0.70
	L	6	3.389	113	87.0	20.2	117	1.15	1.31	117	2.29	1.13	116	3.10	0.77
(C-4, 20)		t_U =	1.60	t = 1.23			t = 1.86			t = 1.45			t = .63		
"Time Credit" Given to Vocational Graduates	V H	7	1.181	141	87.2	21.6	146	1.40	2.36	143	2.69	1.14	144	3.18	0.67
	L	6	0.097	150	82.5	25.0	147	1.77	2.82	149	2.20	1.11	152	2.96	0.82
		t_U =	.30	t = 1.70			t = 1.20			t = 3.71**			t = 2.55*		
	C H	5	1.587	75	82.3	21.6	73	1.71	2.23	77	2.12	1.11	77	3.02	0.74
	L	6	0.000	141	85.0	24.9	141	1.36	2.07	137	2.22	1.14	138	3.12	0.73
(C-4, 21)		t_U =	.27	t = .80			t = 1.14			t = .63			t = .97		
Length of Time Required for Apprenticeship in Your Union	V H	7	2.33	163	84.5	24.6	168	1.61	3.00	168	2.49	1.17	170	3.09	0.78
	L	7	1.90	140	85.2	22.1	138	1.65	2.12	137	2.36	1.11	139	3.05	0.72
		t_U =	2.13	t = .26			t = .14			t = .96			t = .42		
	C H	6	3.12	125	82.6	25.5	122	1.72	2.55	119	2.09	1.13	121	3.03	0.70
	L	6	1.72	115	87.6	19.9	117	1.07	1.25	119	2.27	1.10	118	3.11	0.76
(C-4, 24)		t_U =	1.23	t = 1.65			t = -2.48*			t = 1.29			t = .82		
Acceptance of Graduates from Local School into Apprenticeship Program	V H	7	0.888	172	86.7	20.3	172	1.26	2.00	173	2.54	1.15	176	3.16	0.72
	L	7	0.357	131	82.4	26.9	134	2.11	3.23	132	2.29	1.12	133	2.95	0.78
		t_U =	.98	t = 1.57			t = 2.81**			t = 1.94			t = 2.39*		
	C H	7	1.000	148	83.1	24.9	144	1.66	2.44	142	2.06	1.09	144	3.01	0.73
	L	4	0.333	59	88.3	17.9	59	.94	1.11	63	2.21	1.09	63	3.08	0.67
(C-4, 25)		t_U =	2.20	t = 1.46			t = -2.17*			t = .93			t = .63		
Evaluation of Graduates' Capabilities	V H	6	2.903	151	85.2	22.9	152	1.50	2.41	152	2.54	1.13	155	3.17	0.68
	L	5	2.317	95	81.6	24.9	94	2.03	3.03	94	2.00	1.11	95	2.79	0.87
		t_U =	.32	t = 1.16			t = 1.52			t = 3.70**			t = 3.88**		
	C H	5	2.733	103	84.0	24.2	101	1.70	2.59	98	2.17	1.13	100	3.08	0.72
	L	4	2.062	68	82.1	24.1	67	1.47	1.84	70	1.97	1.08	70	2.96	0.69
(C-4, 25C)		t_U =	1.63	t = .51			t = .62			t = 1.14			t = 1.03		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 65. Apprenticeship Program Council:
Size and Representatives

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Representation of Program by a Joint Apprenticeship Council (C-4, 22)	V	H	7	0.912	157	84.8	21.9	160	1.54	2.19	157	2.38	1.15	160	3.10	0.71
		L	7	0.524	146	84.8	25.1	146	1.73	3.06	148	2.49	1.13	149	3.03	0.79
			t_U = .13		t = .02			t = .60			t = .90			t = .86		
	C	H	7	1.000	135	86.1	21.9	135	1.35	1.92	135	2.10	1.14	134	3.10	0.72
		L	5	0.533	105	83.6	24.6	104	1.47	2.21	103	2.28	1.08	105	3.04	0.75
			t_U = .50		t = .82			t = .44			t = 1.24			t = .60		
Size of Joint Apprenticeship Council (C-4, 22T)	V	H	7	7.033	126	83.3	24.4	130	1.99	2.74	127	2.28	1.16	128	2.99	0.71
		L	6	5.306	165	85.9	22.8	163	1.27	2.45	165	2.57	1.13	168	3.12	0.79
			t_U = .26		t = .94			t = -2.36*			t = -2.11*			t = 1.54		
	C	H	5	8.867	104	87.6	21.3	108	1.18	1.49	105	2.10	1.18	104	3.11	0.72
		L	6	5.417	122	83.6	23.2	116	1.57	2.37	120	2.18	1.06	121	3.02	0.74
			t_U = 1.23		t = 1.31			t = 1.45			t = .55			t = .97		
Representatives from Labor (C-4, 22.1)	V	H	6	3.441	133	87.9	19.2	135	1.36	2.12	134	2.61	1.13	135	3.16	0.65
		L	7	2.476	158	82.2	26.3	158	1.78	2.95	158	2.30	1.16	161	2.98	0.83
			t_U = .20		t = 2.05*			t = 1.39			t = 2.34**			t = 2.02*		
	C	H	6	3.861	126	85.7	21.7	127	1.37	1.95	125	2.18	1.12	124	3.05	0.73
		L	5	2.600	100	85.2	23.4	97	1.39	2.07	100	2.09	1.11	101	3.07	0.73
			t_U = .55		t = .16			t = .07			t = .59			t = .20		
Representatives from Management (C-4, 22.2)	V	H	6	3.407	114	83.4	23.7	116	1.92	2.51	114	2.31	1.15	115	3.00	0.67
		L	7	2.190	177	85.7	23.4	177	1.37	2.64	178	2.53	1.15	181	3.11	0.81
			t_U = .32		t = .82			t = 1.80			t = 1.56			t = 1.22		
	C	H	5	3.233	104	87.6	21.3	108	1.18	1.49	105	2.10	1.18	104	3.11	0.72
		L	6	2.333	122	83.6	23.2	116	1.57	2.37	120	2.18	1.06	121	3.02	0.74
			t_U = 1.23		t = 1.31			t = 1.45			t = ..55			t = .97		
Representatives from Education (C-4, 22.3)	V	H	7	0.735	144	87.4	20.6	151	1.41	2.62	149	2.54	1.13	150	3.13	0.72
		L	6	0.000	147	82.2	25.8	142	1.78	2.58	143	2.34	1.17	146	3.00	0.79
			t_U = 2.12		t = 1.89			t = 1.22			t = 1.50			t = 1.50		
	C	H	5	0.767	85	86.0	21.1	82	1.46	2.11	85	1.97	1.06	85	3.06	0.75
		L	6	0.000	141	85.1	23.2	142	1.34	1.94	140	2.24	1.14	140	3.06	0.72
			t_U = .10		t = .26			t = .46			t = 1.82			t = .01		
Representatives from Education from the School in Study (C-4, 23)	V	H	5	0.687	90	85.4	22.4	96	1.77	2.85	92	2.31	1.14	92	3.02	0.71
		L	8	0.000	201	84.5	24.0	197	1.50	2.47	200	2.50	1.16	204	3.09	0.78
			t_U = 1.15		t = .31			t = .83			t = 1.30			t = .65		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 66. Apprenticeship Program Admission Difficulties

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N.	M	SD	N	M	SD	N	M	SD
Rating from Interview	V H	4	0.533	172	84.6	22.4	177	1.77	2.77	176	2.30	1.15	178	3.02	0.80
	L	8	0.000	99	86.9	23.5	94	1.20	2.43	98	2.61	1.12	100	3.15	0.71
		t_U =	1.35	t = .78			t = 1.68			t = 2.21*			t = 1.30		
	C H	3	1.056	126	85.3	21.9	120	1.47	2.28	124	2.11	1.15	125	3.01	0.69
	L	7	0.000	57	79.4	27.9	58	1.71	2.24	57	2.07	1.02	58	3.08	0.74
(C-4, 26.1)		t_U =	1.07	t = 1.54			t = .65			t = .22			t = .60		
Performance on Admission Test	V H	6	1.050	142	84.9	23.3	149	1.44	2.63	145	2.38	1.16	147	3.12	0.76
	L	6	0.000	135	84.5	23.6	127	1.74	2.66	133	2.44	1.14	135	3.00	0.77
		t_U =	1.14	t = .15			t = .93			t = .43			t = 1.27		
	C H	5	2.300	97	84.2	24.0	96	1.40	2.19	95	2.34	1.12	97	3.03	0.71
	L	5	0.500	61	83.1	23.0	57	1.78	2.40	61	1.90	1.08	61	3.08	0.76
(C-4, 26.4)		t_U =	1.34	t = .30			t = .99			t = -2.43*			t = .42		
Small Number of Openings for Apprenticeships	V H	6	1.875	153	86.8	20.2	154	1.33	2.07	154	2.50	1.13	156	3.12	0.74
	L	6	0.375	124	82.2	26.7	124	1.90	3.20	124	2.29	1.16	126	2.98	0.79
		t_U =	.40	t = 1.63			t = 1.80			t = 1.50			t = 1.57		
	C H	5	2.450	78	82.1	24.1	77	1.43	1.80	83	2.03	1.06	83	3.07	0.69
	L	5	0.650	105	84.4	24.0	101	1.64	2.57	98	2.16	1.14	100	3.01	0.72
(C-4, 26.7)		t_U =	.48	t = .65			t = .60			t = .76			t = .54		
Applicants Are Under Age	V H	3	0.644	215	84.3	23.9	218	1.65	2.81	218	2.33	1.16	221	3.03	0.80
	L	9	0.000	62	86.0	22.0	60	1.33	1.95	60	2.71	1.05	61	3.16	0.64
(C-4, 26.8)		t_U =	2.16	t = .49			t = .84			t = -2.33*			t = 1.17		
Most Graduates Do Not Experience Difficulty	V H	6	0.768	152	84.5	25.4	156	1.56	3.02	156	2.57	1.15	158	3.12	0.78
	L	6	0.289	125	84.9	21.0	122	1.61	2.07	122	2.21	1.12	124	2.99	0.74
		t_U =	1.72	t = .14			t = .17			t = -2.60*			t = 1.36		
	C H	2	0.416	159	84.2	23.3	153	1.54	2.28	157	2.01	1.08	158	3.01	0.70
	L	8	0.000	24	78.4	28.2	25	1.63	2.23	24	2.66	1.13	25	3.18	0.71
(C-4, 26.9)		t_U =	1.67	t = 1.10			t = .19			t = 2.71**			t = 1.12		
Other than Above	V H	5	0.842	149	84.2	22.8	151	1.75	2.81	151	2.22	1.14	153	2.96	0.83
	L	7	0.000	128	85.3	24.2	127	1.39	2.43	127	2.63	1.12	129	3.18	0.66
		t_U =	1.23	t = .41			t = 1.13			t = 3.00**			t = 2.43*		
	C H	5	1.350	80	81.8	25.1	79	1.82	2.51	78	1.97	1.15	79	3.06	0.68
	L	5	0.000	103	84.7	23.1	99	1.34	2.04	103	2.20	1.07	104	3.02	0.73
(C-4, 26.10)		t_U =	.18	t = .80			t = 1.40			t = 1.43			t = .39		
Variety of Difficulties Encountered	V H	6	2.005	129	83.7	22.8	135	1.73	2.64	131	2.17	1.13	133	3.03	0.77
	L	6	0.486	148	85.5	24.0	143	1.45	2.65	147	2.62	1.12	149	3.09	0.76
		t_U =	1.32	t = .63			t = .88			t = 3.30**			t = .63		
	C H	5	2.833	101	83.9	23.4	99	1.43	2.07	101	2.22	1.11	102	3.01	0.73
	L	5	1.500	82	82.8	24.8	79	1.70	2.49	80	1.95	1.09	81	3.07	0.67
(C-4, 26F)		t_U =	.24	t = .31			t = .77			t = 1.59			t = .62		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 67. Reasons for School Initiated Contacts with Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Find a Job for a Student	V	H	8	0.910	179	86.8	22.4	178	1.35	2.24	179	2.57	1.10	182	3.14	0.68
		L	8	0.146	173	83.6	24.0	179	1.83	2.83	177	2.39	1.19	179	3.02	0.81
			t_U = 1.28		t = 1.31			t = 1.78			t = 1.51			t = 1.47		
	C	H	3	0.583	40	83.5	23.3	40	1.53	1.62	42	1.87	1.21	42	3.09	0.76
		L	9	0.000	200	85.3	23.1	199	1.38	2.12	196	2.25	1.09	197	3.07	0.73
(C-4, 28.1)			t_U = .46		t = .44			t = .44			t = -2.00*			t = .14		
To Place a Co-op Student	V	H	4	0.571	82	84.9	22.4	78	1.80	2.66	80	2.44	1.11	81	2.95	0.80
		L	12	0.000	270	85.3	23.5	279	1.54	2.54	276	2.49	1.16	280	3.12	0.73
(C-4, 28.2)			t_U = 1.21		t = .15			t = .80			t = .33			t = 1.82		
To Discuss Curriculum Changes	V	H	8	0.299	164	83.3	23.8	161	1.86	2.68	162	2.35	1.13	164	2.98	0.74
		L	8	0.000	188	86.9	22.5	196	1.38	2.45	194	2.59	1.15	197	3.17	0.75
(C-4, 28.3)			t_U = 2.08		t = 1.47			t = 1.78			t = 1.96			t = -2.44*		
To Extend Invitation to a School Activity	V	H	8	0.416	169	86.0	23.0	169	1.47	2.57	170	2.54	1.15	172	3.11	0.71
		L	8	0.000	183	84.5	23.4	188	1.71	2.56	186	2.43	1.14	189	3.05	0.78
			t_U = 1.43		t = .61			t = .89			t = .85			t = .75		
	C	H	5	0.400	117	84.8	24.4	118	1.35	2.03	113	2.46	1.14	114	3.10	0.76
		L	7	0.000	123	85.2	21.8	121	1.46	2.06	125	1.93	1.04	125	3.05	0.70
(C-4, 28.4)			t_U = .64		t = .15			t = .43			t = 3.72**			t = .47		
To Request a Speaker	V	H	5	0.270	83	80.8	26.7	84	2.12	3.14	83	2.08	1.10	84	2.89	0.74
		L	11	0.000	269	86.6	21.9	273	1.43	2.34	273	2.61	1.13	277	3.14	0.74
			t_U = .71		t = -2.02*			t = -2.16*			t = -3.75**			t = -2.73**		
	C	H	3	0.611	74	84.3	25.3	72	1.43	2.40	69	2.37	1.09	71	3.00	0.73
		L	9	0.000	166	85.4	22.1	167	1.39	1.88	169	2.10	1.12	168	3.11	0.73
(C-4, 28.5)			t_U = .37		t = .34			t = .13			t = 1.71			t = 1.06		
To Obtain Advisory Services	V	H	8	0.306	167	83.1	25.7	166	1.82	2.97	165	2.38	1.12	167	3.00	0.77
		L	8	0.000	185	87.1	20.5	191	1.39	2.13	191	2.57	1.16	194	3.16	0.72
(C-4, 28.6)			t_U = 1.28		t = 1.61			t = 1.58			t = 1.59			t = -2.03*		
To Place a Graduate	V	H	8	0.504	182	83.9	24.0	182	1.62	2.68	183	2.51	1.14	186	3.08	0.74
		L	8	0.000	170	86.7	22.3	175	1.57	2.44	173	2.45	1.15	175	3.08	0.76
			t_U = 1.19		t = 1.14			t = .18			t = .49			t = .07		
	C	H	2	0.250	34	83.5	19.7	31	1.94	2.82	32	2.05	1.09	32	2.88	0.70
		L	10	0.000	206	85.3	23.6	208	1.32	1.89	206	2.20	1.12	207	3.10	0.73
(C-4, 28.7)			t_U = .78		t = .42			t = 1.56			t = .71			t = 1.62		
To Check Progress of a Graduate	V	H	7	0.372	161	83.4	24.4	159	1.76	2.53	158	2.24	1.14	161	3.03	0.75
		L	9	0.000	191	86.8	22.0	198	1.46	2.58	198	2.68	1.11	200	3.12	0.74
(C-4, 28.8)			t_U = 1.73		t = 1.39			t = 1.08			t = -3.64**			t = 1.22		
Inquire About Apprenticeship Opportunity	V	H	8	0.629	164	83.3	23.8	161	1.86	2.68	162	2.35	1.13	164	2.98	0.74
		L	8	0.052	188	86.9	22.5	196	1.38	2.45	194	2.59	1.15	197	3.17	0.75
			t_U = 2.08		t = 1.47			t = 1.78			t = -1.96*			t = -2.44*		
	C	H	6	0.570	133	85.6	23.2	133	1.35	1.87	131	2.23	1.18	131	3.08	0.77
		L	6	0.000	107	84.4	23.0	106	1.47	2.25	107	2.12	1.03	108	3.07	0.69
(C-4, 28.9)			t_U = .20		t = .40			t = .46			t = .77			t = .09		
To Locate an Instructor	V	H	6	0.344	134	86.1	22.8	133	1.50	2.68	136	2.46	1.14	139	3.12	0.75
		L	10	0.000	218	84.7	23.4	224	1.65	2.49	220	2.49	1.15	222	3.05	0.75
			t_U = .40		t = .54			t = .52			t = .26			t = .85		
	C	H	2	0.416	24	78.4	28.2	25	1.63	2.23	24	2.66	1.13	25	3.18	0.71
		L	10	0.000	216	85.8	22.4	214	1.38	2.02	214	2.13	1.10	214	3.06	0.73
(C-4, 28.10)			t_U = .58		t = 1.47			t = .59			t = 2.25*			t = .80		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 68. Reasons for School Contacts Initiated by Labor Organizations

DESCRIPTION OF VARIABLE & DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
To Fill Apprenticeship Openings	V H	8	0.496	178	83.6	25.3	179	1.78	2.88	177	2.44	1.14	179	3.04	0.75
	V L	8	0.000	174	87.0	20.8	178	1.41	2.18	179	2.52	1.15	182	3.12	0.74
(C-4, 30.1)		t_U = 1.01		t = 1.38			t = 1.38			t = .70			t = .96		
To Discuss Applicants for Apprenticeship	V H	6	0.538	133	85.5	22.5	129	1.57	2.30	131	2.49	1.12	133	3.08	0.69
	V L	10	0.000	219	85.1	23.6	228	1.61	2.70	225	2.48	1.16	228	3.08	0.78
(C-4, 30.2)		t_U = 2.15*		t = .14			t = .12			t = .11			t = .06		
To Discuss Apprenticeship Committee Problems	V H	6	0.403	109	81.6	25.4	110	2.11	2.90	108	2.09	1.10	110	2.96	0.71
	V L	10	0.000	243	86.9	22.0	247	1.37	2.37	248	2.65	1.12	251	3.13	0.76
(C-4, 30.3)		t_U = .42		t = -1.97*			t = -2.54*			t = -4.38**			t = -2.02*		
To Request Curriculum Changes	V H	5	0.401	91	80.2	27.0	92	2.10	3.03	90	2.12	1.13	92	2.98	0.71
	V L	11	0.000	261	87.0	21.5	265	1.42	2.36	266	2.60	1.13	269	3.11	0.76
(C-4, 30.4)		t_U = .71		t = -2.40*			t = -2.19*			t = -3.51**			t = 1.43		
To Obtain an Instructor	V H	5	0.423	98	84.8	23.1	99	1.56	2.32	98	2.13	1.14	101	3.03	0.78
	V L	11	0.000	254	85.4	23.3	258	1.61	2.66	258	2.62	1.12	260	3.10	0.73
(C-4, 30.5)		t_U = .13		t = .21			t = .18			t = -3.63**			t = .75		
To Check References on Apprentice Applications	V H	7	0.450	145	90.0	17.2	145	1.24	2.21	148	2.64	1.15	149	3.15	0.72
	V L	9	0.000	207	81.9	26.1	212	1.83	2.76	208	2.37	1.13	212	3.03	0.77
		t_U = .37		t = 3.25**			t = 2.14*			t = 2.18*			t = 1.40		
	C H	5	0.573	101	83.6	23.5	94	1.56	2.49	97	2.23	1.10	98	2.98	0.71
	C L	7	0.000	139	86.0	22.8	145	1.30	1.70	141	2.15	1.13	141	3.14	0.74
(C-4, 30.6)		t_U = 1.12		t = .77			t = .97			t = .56			t = 1.69		
To Request Use of School Facility	V H	8	0.321	186	85.7	22.0	186	1.47	2.53	188	2.47	1.17	191	3.08	0.80
	V L	8	0.042	166	84.8	24.5	171	1.73	2.60	168	2.50	1.12	170	3.08	0.69
		t_U = .69		t = .37			t = .94			t = .20			t = .03		
	C H	4	0.592	56	83.3	21.0	51	1.58	2.36	56	2.16	1.13	56	2.97	0.68
	C L	8	0.000	184	85.5	23.7	188	1.36	1.95	182	2.19	1.11	183	3.10	0.74
(C-4, 30.7)		t_U = .72		t = .64			t = .68			t = .12			t = 1.21		
To Check Related Class Attendance Record of Apprentices	V H	6	0.694	143	85.3	23.4	137	1.48	2.41	141	2.36	1.18	144	3.06	0.79
	V L	10	0.000	209	85.2	23.1	220	1.67	2.66	215	2.56	1.12	217	3.10	0.72
		t_U = 2.07		t = .05			t = .67			t = 1.58			t = .46		
	C H	3	0.733	70	84.8	23.6	67	1.37	2.22	67	2.28	1.14	68	2.94	0.70
	C L	9	0.000	170	85.1	22.9	172	1.42	1.98	171	2.14	1.11	171	3.13	0.74
(C-4, 30.8)		t_U = .65		t = .11			t = .15			t = .83			t = 1.74		
To Observe Apprentice Class Instruction	V H	8	0.352	174	83.3	24.5	169	1.77	2.75	172	2.26	1.17	175	2.96	0.81
	V L	8	0.011	178	87.1	21.7	188	1.44	2.38	184	2.69	1.09	186	3.19	0.67
		t_U = 2.00		t = 1.56			t = 1.23			t = -3.65**			t = -2.95**		
	C H	6	0.630	88	81.3	24.2	84	1.66	2.32	88	2.25	1.09	89	3.05	0.75
	C L	6	0.000	152	87.2	22.2	155	1.26	1.87	150	2.14	1.13	150	3.09	0.72
(C-4, 30.9)		t_U = .91		t = 1.89			t = 1.44			t = .70			t = .40		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

SCORING KEY

Data Form C-4: The Labor Organizations

TEM	CODE	IDENTIFICATION
		Knowledge of course offerings
	R	Record the percentage of correctly identified courses
		Knowledge of school personnel
	R	Record the percentage of correctly identified personnel
	R	Record the number of trades checked
		Percentage of tradesmen represented by the union
	05	1-10%
	15	11-20%
	25	21-30%
	35	31-40%
	45	41-50%
	55	51-60%
	65	61-70%
	75	71-80%
	85	81-90%
	95	91-100%
		Length of time union has been established
	1	Less than a year
	2	1-5 years
	3	6-10 years
	4	11-15 years
	5	16-20 years
	6	More than 20 years
	R	Number of union members (January 1, 1960)
	R	Number of union members (January 1, 1965)
,9,10	R	Percentage of increase of membership from January 1960 - 1965

Data Form: C-4 (cont.)

ITEM	CODE	IDENTIFICATION	
11		Geographical jurisdiction of union	
11.1		Plant only	
	0	No check	
	1	Yes	
11.2		City	Same as 11.1
11.3		County	
11.4		Other	
12		Requirements for journeymen status	
12.1		Completion of approved apprenticeship	
	0	No check	
	1	Yes	
12.2		Proof of the quality of one's trade experience	Same scoring as 12.1
12.3		Proof of the number of years of trade experience	
12.4		Payment of entry fee	
12.4$	R	Amount of entry fee	
12.5		Pass an examination conducted by the union	
12.6		Other	
12V	R	Variety of restrictions	
13		Involvement in apprenticeship program	
	0	No	
	1	Yes	
		Entry requirements	
13.1		Personal interview	
	0	No	
	1	Yes	
13.2		Application review	Same scoring as 13.1
13.3		Aptitude testing	
13.4		Check on school references	
13.5		Check on employer references	
13.6		Check of applicant's school record	
13.7		Minimum age requirement	

a Form : C-4 (cont.)

ITEM	CODE	IDENTIFICATION
3.7Y		Specification of minimum age requirement
	1	16
	2	17
	3	18
	4	19
	5	20
	6	21
	7	Over 21
3.8		Minimum education requirement
	0	No
	1	Yes
3.8E		Specifying minimum education requirement
	1	Less than high school
	2	High school
	3	Post high school
3.9		Payment of entry fee
	0	No
	1	Yes
3.9$	R	Amount of entry fee
3.10		Other
4		Number of apprentices in training
	01	1-10
	02	11-20
	↓	
		Continue scale by intervals of 10
	97	961-970
5		Number of openings for apprenticeship training in 1964
	1	None
	2	1-5
	3	6-10
	4	11-15
	5	16-25
	6	Over 25

Data Form: C-4 (cont.)

ITEM	CODE	IDENTIFICATION
16		Number of apprentices starting in 1964
	1	None
	2	1-5
	3	6-10
	4	11-15
	5	16-25
	6	Over 25
16.1	R	Number of apprentices from school under study
16.2	R	Total number of applicants for openings
17		Number of apprentices who were members of union in January, 1960
	R	Same scaling as item 14
18		Number of apprentices expected in union in 1970
	R	Same scaling as item 14
17-18		Apprenticeship trend from January, 1960 - January, 1970
	R	Record the percentage of increase or decrease. Range is
		10-990 with 100% being no change
19		Percentage of times a source was used to obtain apprentices
19.1	R	Vocational high school graduates
19.2	R	Post-high school vocational courses
19.3	R	Private vocational schools
19.4	R	Persons with no training or experience
19.5	R	Persons with experience
19.6	R	Drop-outs from colleges and universities
19.7	R	Others
19V	R	Record the variety of sources used

ata Form: C-4 (cont.)

ITEM	CODE	IDENTIFICATION
20		Length of time program was in operation
	1	Less than a year
	2	1-5
	3	6-10
	4	11-15
	5	16-20
	6	More than 20 years
21		Amount of "time credit" given to vocational high school graduates
	0	None
	1	6 months
	2	1 year
	3	1-1/2 years
	4	2 years
	5	2-1/2 years
	6	Over 2-1/2 years
22		Representation of apprenticeship program by joint apprenticeship council
	0	No
	1	Yes
22.1	R	Record the number of representatives from labor
22.2	R	Record the number of representatives from management
22.3	R	Record the number of representatives from education
22T	R	Record the total size of council
23		Number on joint apprenticeship council who are from the school being studied
	0	None
	1	Some
	2	All
24		Length of time required for apprenticeship
	0	2 years
	1	3 years
	2	4 years
	3	5 years

ata Form: c-4 (cont.)

ITEM	CODE	IDENTIFICATION	
	4	6 years	
	5	More than 6 years	
25		Acceptance of graduates from school under study	
	0	No	
	1	Yes	
25C		Opinion of performance of graduates	
	1	Less capability	
	2	Same capability	
	3	Greater capability	
		Areas of weakness	
25.1		Manual job skill	
	0	No	
	1	Yes	
25.2		Job practical knowledge	Same scoring as 25.1
25.3		Job theoretical knowledge	
25.4		Mathematical skill	
25.5		Communication skill	
25.6		Reading and interpretive skill	
25.7		Clerical skill	
25.8		Personal relations skill	
25.9		Supervisory skill	
25.10		Work habits and attitudes	
25.11		Other	
25T	R	Sum of weakness	
26		Reasons why graduates may be having difficulty in apprenticeship admission	
26.1		Rating from interview	
	0	Not checked as a reason	
	1	Checked as a reason	
	2	Checked as a reason with secondary importance	
	3	Checked as a reason with primary importance	

a Form: c-4 (cont.)

ITEM	CODE	IDENTIFICATION	
26.2		Recommendations from reference	Same scoring as 26.1
26.3		Citizenship record	
26.4		Performance on admission test	
26.5		Grades in high school vocational courses	
26.6		Grades in high school academic courses	
26.7		Small number of openings for apprenticeships	
26.8		Applicants are under age	
26.9		Most graduates do not experience difficulty	
26.10		Other	
26F	R	Total frequency for all except item 9	
27A		Visiting the school shops	
	0	No	
	1	Yes	
27B		Recentness of visit to school shop	
	1	More than 2 years ago	
	2	Between a year and 2 years ago	
	3	Between 6 months and a year ago	
	4	Within last 6 months	
28		Reasons why school personnel may initiate contact with labor	
28.1		Find a job for a student	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
28.2		Place a co-op student	Same scoring as 28.1
28.3		Discuss curriculum changes	
28.4		Extend invitation to a school activity	
28.5		Request a speaker	
28.6		Obtain advisory services	
28.7		Place a graduate	
28.8		Check progress of a graduate	

Data Form: C-4 (cont.)

ITEM	CODE	IDENTIFICATION	
28.9		Inquire about apprenticeship opportunity	Same scoring as 28.1
28.10		Locate an instructor	
28.11		Other	
28F	R	Total frequency of reasons for contacting labor	
28V	R	Total variety of reasons used	
30		Reasons why labor officials initiate contact with school personnel	
30.1		Fill apprenticeship openings	
	0	None	
	1	1-3	
	2	4-6	
	3	7-9	
	4	10 or more	
30.2		Discuss applicants for apprenticeship	Same scoring as 30.1
30.3		Discuss apprenticeship committee problems	
30.4		Request curriculum changes	
30.5		Obtain an instructor	
30.6		Check references on apprentice application	
30.7		Request use of school facility	
30.8		Check related class attendance record of apprentices	
30.9		Observe apprentice class instruction	
30.10		Other	
30F	R	Total frequency of reasons for contacting school	
30V	R	Total variety of reasons used	
32		Member of school's vocational advisory committee and its value	
	0	No	
	1	Yes with doubtful value	
	2	Yes with some value	
	3	Yes with great value	
33		Read, hear, or see anything about school's vocational program through mass medi	
33.1		Newspaper	
	0	No	
	1	Yes	

ta Form : C-4 (cont.)

ITEM	CODE	IDENTIFICATION	
33.2		Booklets, brochures, etc.	Same scoring as 33.1
33.3		Radio	
33.4		Television	
33.5		Special displays or exhibits	
33.6		Other	
33T	R	Total frequency of the use of mass media	
34A		Office's relationship with school personnel	
	0	Nonexistent	
	1	Existing	
34B		Evaluation of your office's relationship with school	
	1	Poor	
	2	Good	
	3	Excellent	
35		Labor opinions of school	
35.1		Adequacy of shop facilities	
	1	Poor	
	2	Fair	
	3	Good	
	4	Excellent	
35.2		Competence of vocational instructors	Same scoring as 35.1
35.3		Adequacy of student counseling	
35.4		Efforts to prevent drop-outs	
35.5		Quality of course offerings	
35.6		Relationship with community	
35.7		Reputation in community	
35.8		Skill level of vocational graduates	
35.9		Relationship with local employers	
35.10		Relationship with local labor groups	
35.11		Quality of vocational students	
35.12		Variety of course offerings	
35.13		Relations with your office	
35.14		Effort to place graduates	
35.15		Work habits and attitudes of graduates	

ta Form : C-4 (cont.)

ITEM	CODE	IDENTIFICATION
35A	R	Average opinion of facilities and instructions (Items 35.1, 35.2, 35.5, 35.12)
35B	R	Average opinion of counseling and placement (Items 35.3, 35.4, 35.14)
35C	R	Average opinion of the quality of students and graduates (Items 35.8, 35.11, 35.15)
35D	R	Average opinion of community relationships (Items 35.6, 35.7, 35.9, 35.10, 35.13)
35T	R	Average total opinion (Items 35.1-35.15)
35NO	R	Record the total number of NO used (Items 35.1-35.15)

APPENDIX G

Community Characteristics

This appendix presents data drawn from more than one source in answer to questions about the communities in which the schools operated. Appropriate reference is given in each table to the data forms and items for which results are shown. As indicated in the list of tables below, data are provided on social and economic characteristics of the communities and on community knowledge about, contacts with, and evaluations of the school.

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APPENDIX G
Community Characteristics

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Table 69. Social and Economic Factors of the Community

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Size of the Communities (Population)	V	H	8	856.38	163	65.0	22.9	166	1.82	2.67	164	2.60	1.15	164	3.01	0.77
		L	8	117.12	189	85.4	23.5	191	1.40	2.45	192	2.38	1.13	197	3.14	0.72
			t_U = .55		t = .17			t = 1.55			t = 1.85			t = 1.72		
	C	H	6	1348.18	114	84.4	22.8	117	1.34	1.61	118	2.19	1.14	117	3.09	0.74
		L	7	150.29	139	85.4	22.8	134	1.46	2.31	134	2.20	1.10	136	3.10	0.73
			t_U = .47		t = .34			t = .50			t = .11			t = .12		
Increase or Decrease in Population (1950 - 1960)	V	H	8	52.78	188	81.9	25.7	183	1.84	2.63	183	2.38	1.16	186	2.97	0.78
		L	8	23.84	164	89.0	19.3	174	1.34	2.47	173	2.59	1.12	175	3.20	0.70
			t_U = 2.82*		t = -2.90**			t = 1.85			t = 1.68			t = -2.83**		
	C	H	6	82.02	114	84.1	22.9	115	1.34	1.60	119	2.22	1.10	118	3.20	0.74
		L	7	34.91	139	85.6	22.7	136	1.46	2.30	133	2.17	1.13	135	3.01	0.72
			t_U = .43		t = .50			t = .49			t = .34			t = 2.02*		
Percentage of Non-whites	V	H	8	8.08	145	86.3	20.8	144	1.70	2.35	145	2.27	1.15	147	3.01	0.76
		L	8	1.85	207	84.5	24.7	213	1.53	2.70	211	2.63	1.12	214	3.13	0.74
			t_U = 1.07		t = .73			t = .61			t = -2.90**			t = 1.41		
	C	H	6	14.88	119	88.2	20.3	122	1.10	1.42	122	2.09	1.14	121	3.13	0.70
		L	7	4.70	134	82.0	24.5	129	1.69	2.42	130	2.29	1.09	132	3.07	0.76
			t_U = 1.11		t = 2.18*			t = 2.32*			t = 1.39			t = .60		
Median Income of Families	V	H	8	6792.75	208	87.5	20.1	205	1.31	2.01	207	2.62	1.14	209	3.13	0.73
		L	8	4983.00	144	82.0	26.8	152	1.98	3.13	149	2.30	1.13	152	3.02	0.77
			t_U = 1.59		t = 2.19*			t = 2.47*			t = 2.60**			t = 1.31		
	C	H	7	6538.57	127	83.5	24.5	128	1.34	1.75	129	2.27	1.13	129	3.11	0.74
		L	6	5100.67	126	86.4	20.9	123	1.48	2.25	123	2.12	1.11	124	3.09	0.72
			t_U = .71		t = 1.00			t = .55			t = 1.04			t = .21		
Percentage of Males in the Work Force	V	H	8	68.91	136	85.5	23.1	136	1.80	2.70	138	2.23	1.10	141	3.02	0.73
		L	8	62.85	216	85.1	23.3	221	1.47	2.47	218	2.64	1.14	220	3.12	0.76
			t_U = .29		t = .16			t = 1.19			t = -3.33**			t = 1.26		
	C	H	6	67.87	134	81.1	25.8	130	1.79	2.53	129	2.19	1.05	131	3.09	0.75
		L	7	64.40	119	89.2	17.9	121	.99	1.09	123	2.21	1.19	122	3.11	0.71
			t_U = 2.18		t = -2.84**			t = -3.18**			t = .14			t = .20		
Percentage of Work Force in Durable Manufacturing	V	H	8	21.28	183	89.8	18.6	184	1.21	2.12	187	2.75	1.11	189	3.18	0.72
		L	8	7.24	169	80.4	26.5	173	2.00	2.91	169	2.19	1.11	172	2.98	0.77
			t_U = .66		t = 3.87**			t = 2.95**			t = 4.75**			t = 2.56**		
	C	H	7	21.54	143	82.0	25.7	140	1.74	2.48	138	2.08	1.11	140	3.04	0.73
		L	6	5.85	110	88.7	17.6	111	.98	1.06	114	2.33	1.12	113	3.17	0.73
			t_U = 2.03		t = -2.31*			t = -2.98**			t = 1.79			t = 1.32		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 69. Social and Economic Factors of the Community (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Median School Years Completed	V	H	8	11.6	203	83.1	24.6	197	1.71	2.55	199	2.44	1.16	202	3.01	0.78
		L	8	9.8	149	88.1	20.9	160	1.45	2.58	157	2.54	1.13	159	3.17	0.70
			$\underline{t}_U$ = 2.72*		$\underline{t}$ = -1.98*			$\underline{t}$ = .92			$\underline{t}$ = .83			$\underline{t}$ = -2.01*		
	C	H	6	11.8	104	85.7	20.6	104	1.19	1.31	109	2.33	1.13	108	3.19	0.76
		L	7	10.3	149	84.4	24.2	147	1.55	2.38	143	2.09	1.10	145	3.03	0.71
			$\underline{t}_U$ = .26		$\underline{t}$ = .46			$\underline{t}$ = 1.40			$\underline{t}$ = 1.65			$\underline{t}$ = 1.73		
Employment Opportunity (May 1962 - November 1962)	V	H	7	20.59	160	89.3	16.8	163	1.31	2.04	166	2.75	1.14	167	3.16	0.71
		L	8	18.53	180	81.8	26.8	180	1.78	2.79	177	2.27	1.09	181	3.02	0.76
			$\underline{t}_U$ = 1.24		$\underline{t}$ = 3.05**			$\underline{t}$ = 1.79			$\underline{t}$ = 4.01**			$\underline{t}$ = 1.78		
	C	H	6	22.20	169	86.1	23.0	172	1.27	1.93	166	2.27	1.10	167	3.07	0.73
		L	6	17.04	78	84.7	20.6	76	1.33	1.43	84	2.08	1.17	84	3.18	0.70
			$\underline{t}_U$ = .50		$\underline{t}$ = .46			$\underline{t}$ = .21			$\underline{t}$ = 1.26			$\underline{t}$ = 1.16		
Employment Opportunity (May 1962 - May 1964)	V	H	8	24.40	168	84.8	22.8	166	1.69	2.31	168	2.27	1.16	171	2.97	0.76
		L	7	18.65	172	85.8	23.1	177	1.43	2.61	175	2.72	1.08	177	3.20	0.70
			$\underline{t}_U$ = .18		$\underline{t}$ = .39			$\underline{t}$ = .96			$\underline{t}$ = -3.76**			$\underline{t}$ = -2.96**		
	C	H	6	33.34	126	84.9	24.2	129	1.27	1.73	127	2.25	1.07	127	3.14	0.76
		L	6	22.34	108	86.2	20.8	105	1.32	1.92	108	2.15	1.19	109	3.07	0.69
			$\underline{t}_U$ = .26		$\underline{t}$ = .45			$\underline{t}$ = .22			$\underline{t}$ = .67			$\underline{t}$ = .71		
Unemployment Rate	V	H	8	7.34	183	82.6	25.4	178	1.73	2.53	178	2.39	1.15	181	3.00	0.77
		L	8	4.12	169	88.1	20.3	179	1.46	2.59	178	2.57	1.14	180	3.16	0.72
			$\underline{t}_U$ = -6.71**		$\underline{t}$ = 2.23*			$\underline{t}$ = 1.02			$\underline{t}$ = 1.48			$\underline{t}$ = 1.98*		
	C	H	6	5.63	119	87.3	20.3	124	1.19	1.44	122	2.32	1.19	122	3.22	0.73
		L	7	3.57	134	82.8	24.6	127	1.62	2.43	130	2.08	1.04	131	2.98	0.72
			$\underline{t}_U$ = -4.47**		$\underline{t}$ = 1.59			$\underline{t}$ = 1.68			$\underline{t}$ = 1.68			$\underline{t}$ = -2.58*		
Percentage of Work Force In Nondurable Manufacturing	V	H	8	20.46	189	88.0	20.9	189	1.19	2.23	193	2.71	1.13	196	3.20	0.69
		L	8	8.62	163	82.1	25.2	168	2.05	2.83	163	2.21	1.11	165	2.94	0.79
			$\underline{t}_U$ = .58		$\underline{t}$ = 2.38*			$\underline{t}$ = 3.20**			$\underline{t}$ = 4.14**			$\underline{t}$ = 3.41**		
	C	H	6	17.95	127	84.6	23.4	124	1.50	2.39	121	2.28	1.08	123	3.00	0.73
		L	7	5.33	126	85.2	22.2	127	1.31	1.56	131	2.12	1.15	130	3.19	0.72
			$\underline{t}_U$ = .38		$\underline{t}$ = .22			$\underline{t}$ = .72			$\underline{t}$ = 1.13			$\underline{t}$ = -2.03*		
Percentage of Work Force In Construction	V	H	8	6.22	182	80.7	26.8	181	2.00	2.86	178	2.30	1.17	181	2.96	0.79
		L	8	4.44	170	90.1	17.3	176	1.17	2.15	178	2.66	1.09	180	3.20	0.68
			$\underline{t}_U$ = 1.43		$\underline{t}$ = -3.85**			$\underline{t}$ = -3.09**			$\underline{t}$ = -3.02**			$\underline{t}$ = -3.11**		
	C	H	7	7.34	125	87.6	19.7	127	1.14	1.28	130	2.21	1.14	129	3.20	0.75
		L	6	5.03	128	82.3	25.2	124	1.67	2.53	122	2.18	1.09	124	2.99	0.70
			$\underline{t}_U$ = 1.69		$\underline{t}$ = 1.83			$\underline{t}$ = 2.09*			$\underline{t}$ = .19			$\underline{t}$ = 2.28*		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 70. Knowledge of the School: T. & I. Course Offerings

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	59.658	175	89.1	18.5	181	1.30	2.30	183	2.65	1.11	185	3.17	0.71
		L	8	37.373	177	81.4	26.5	176	1.90	2.78	173	2.31	1.16	176	2.99	0.78
			t_U = -3.02 **		t = 3.16 **			t = 2.24 *			t = 2.82 **			t = 2.26 *		
	C	H	6	52.602	131	84.1	24.4	130	1.41	2.14	128	2.24	1.08	130	3.08	0.71
		L	7	21.701	122	85.8	21.0	121	1.40	1.87	124	2.15	1.16	123	3.12	0.75
(C-2, 1)			t_U = .06		t = .57			t = .02			t = .58			t = .41		
Potential Employers	V	H	8	73.374	169	88.7	20.1	177	1.30	2.52	178	2.67	1.12	180	3.18	0.73
		L	8	44.129	183	82.0	25.4	180	1.88	2.58	178	2.29	1.14	181	2.98	0.76
			t_U = -3.37 **		t = 2.74 **			t = 2.13 *			t = 3.20 **			t = 2.54*		
	C	H	7	51.390	137	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	15.197	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
(C-2, 1)			t_U = .76		t = .08			t = 1.10			t = .27			t = .05		
Labor Organizations	V	H	8	74.890	183	86.9	22.0	192	1.35	2.46	189	2.67	1.13	192	3.20	0.69
		L	8	25.073	169	83.5	24.3	165	1.88	2.65	167	2.27	1.13	169	2.95	0.79
			t_U = 2.00		t = 1.36			t = 1.97 *			t = 3.29 **			t = 3.26**		
	C	H	6	63.194	126	85.6	23.4	122	1.47	2.39	120	2.17	1.09	122	3.05	0.73
		L	6	22.725	114	84.4	22.8	117	1.34	1.61	118	2.19	1.14	117	3.09	0.74
(C-4, 1)			t_U = .44		t = .40			t = .49			t = .10			t = .39		
Community Organizations	V	H	8	75.016	167	89.4	18.5	171	1.20	2.18	173	2.62	1.09	176	3.21	0.67
		L	8	39.962	185	81.5	26.2	186	1.96	2.83	183	2.35	1.18	185	2.96	0.80
			t_U = 1.16		t = 3.21 **			t = 2.81 **			t = 2.23 *			t = 3.10**		
	C	H	7	58.506	152	84.6	23.6	149	1.55	2.36	146	2.11	1.09	148	3.08	0.72
		L	6	28.513	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
(C-1, 1)			t_U = .30		t = .26			t = 1.37			t = 1.48			t = .58		
Employment Security Office	V	H	9	98.000	214	87.5	21.6	215	1.35	2.40	219	2.62	1.11	223	3.17	0.71
		L	7	81.286	138	81.7	25.2	142	1.97	2.76	137	2.26	1.17	138	2.93	0.79
			t_U = 1.63		t = 2.29*			t = 2.24 *			t = 2.97 **			t = 2.98 **		
	C	H	7	98.000	145	83.8	24.0	142	1.54	2.33	140	2.25	1.07	142	3.02	0.76
		L	6	66.667	108	86.5	21.0	109	1.23	1.48	112	2.13	1.17	111	3.20	0.69
(C-3, 1)			t_U = .18		t = .94			t = 1.24			t = .81			t = -2.04 *		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 71. Knowledge of the School: School Personnel

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	16.188	155	86.4	23.0	163	1.51	2.89	162	2.53	1.11	164	3.10	0.77
		L	8	3.608	197	84.3	23.3	194	1.66	2.26	194	2.44	1.17	197	3.06	0.73
			$\underline{t}_U$ = 1.72		$\underline{t}$ = .82			$\underline{t}$ = .56			$\underline{t}$ = .77			$\underline{t}$ = .55		
	C	H	7	27.150	152	84.6	23.6	149	1.55	2.36	146	2.11	1.09	148	3.08	0.72
		L	4	1.883	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
(C-2, 2)			$\underline{t}_U$ = .30		$\underline{t}$ = .26			$\underline{t}$ = 1.37			$\underline{t}$ = 1.48			$\underline{t}$ = .58		
Potential Employers	V	H	8	17.493	185	86.8	21.8	193	1.41	2.52	192	2.49	1.16	195	3.14	0.76
		L	8	5.522	167	83.5	24.6	164	1.81	2.61	164	2.48	1.13	166	3.01	0.73
			$\underline{t}_U$ = 3.02**		$\underline{t}$ = 1.33			$\underline{t}$ = 1.47			$\underline{t}$ = .06			$\underline{t}$ = 1.59		
	C	H	7	29.060	137	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	2.350	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
(C-2, 2)			$\underline{t}_U$ = .76		$\underline{t}$ = .08			$\underline{t}$ = 1.10			$\underline{t}$ = .27			$\underline{t}$ = .05		
Labor Organizations	V	H	8	19.433	173	86.4	22.9	178	1.44	2.63	178	2.44	1.14	182	3.15	0.72
		L	8	3.602	179	84.2	23.5	179	1.75	2.49	178	2.52	1.15	179	3.02	0.77
			$\underline{t}_U$ = 1.90		$\underline{t}$ = .88			$\underline{t}$ = 1.12			$\underline{t}$ = .69			$\underline{t}$ = 1.65		
	C	H	6	22.861	112	83.3	24.9	107	1.64	2.53	107	2.20	1.14	109	3.07	0.72
		L	6	1.739	128	86.5	21.4	132	1.21	1.52	131	2.16	1.09	130	3.08	0.74
(C-4, 2)			$\underline{t}_U$ = .40		$\underline{t}$ = 1.05			$\underline{t}$ = 1.61			$\underline{t}$ = .30			$\underline{t}$ = .16		
Community Organizations	V	H	8	29.988	183	89.1	19.1	187	1.17	2.19	190	2.74	1.10	193	3.22	0.68
		L	8	5.434	169	81.1	26.3	170	2.06	2.86	166	2.18	1.13	168	2.92	0.79
			$\underline{t}_U$ = 1.76		$\underline{t}$ = 3.23**			$\underline{t}$ = 3.29**			$\underline{t}$ = 4.73**			$\underline{t}$ = 3.92**		
	C	H	7	27.236	137	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	7.073	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
(C-1, 2)			$\underline{t}_U$ = .76		$\underline{t}$ = .08			$\underline{t}$ = 1.10			$\underline{t}$ = .27			$\underline{t}$ = .05		
Employment Security Office	V	H	8	37.125	172	84.7	23.0	170	1.62	2.33	171	2.44	1.17	174	3.00	0.79
		L	8	15.250	180	85.7	23.4	187	1.57	2.77	185	2.52	1.12	187	3.15	0.70
			$\underline{t}_U$ = .87		$\underline{t}$ = .41			$\underline{t}$ = .16			$\underline{t}$ = .61			$\underline{t}$ = 1.89		
	C	H	6	80.333	118	85.9	22.8	117	1.34	2.03	115	2.24	1.15	136	3.11	0.73
		L	7	14.143	135	84.0	22.7	134	1.47	2.00	137	2.16	1.09	117	3.09	0.74
(C-3, 2)			$\underline{t}_U$ = 1.11		$\underline{t}$ = .65			$\underline{t}$ = .51			$\underline{t}$ = .60			$\underline{t}$ = .24		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 72. School Community Interaction: Visits to T. & I. Shops

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	.627	171	88.8	20.3	179	1.24	2.38	179	2.74	1.13	181	3.18	0.73
		L	8	.396	181	81.9	25.2	178	1.95	2.69	177	2.22	1.11	180	2.98	0.76
			t_U = -2.36*		t = 2.78**			t = 2.64**			t = 4.35**			t = 2.59**		
	C	H	6	.717	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	.263	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	3.11	0.76
(C-2, 19)			t_U = .14		t = .16			t = .73			t = -2.88**			t = .35		
Potential Employers	V	H	8	.730	155	85.6	23.5	158	1.63	2.78	158	2.46	1.14	159	3.08	0.72
		L	8	.518	197	85.0	23.0	199	1.56	2.38	198	2.50	1.15	202	3.08	0.78
			t_U = .66		t = .26			t = .26			t = .31			t = .10		
	C	H	6	.732	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
		L	7	.222	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
(C-2, 19)			t_U = .67		t = .24			t = 1.04			t = ..03			t = .05		
Labor Organizations	V	H	8	.875	170	87.6	20.5	175	1.35	2.47	174	2.59	1.13	176	3.16	0.71
		L	7	.238	167	82.6	25.3	165	1.91	2.72	166	2.38	1.17	168	2.98	0.79
			t_U = .57		t = 1.99			t = 2.00*			t = 1.67			t = 2.26*		
	C	H	6	.667	112	83.3	24.9	107	1.64	2.53	107	2.20	1.14	109	3.07	0.72
		L	6	.153	128	86.5	21.4	132	1.21	1.52	131	2.16	1.09	130	3.08	0.74
(C-4, 27A)			t_U = .40		t = 1.05			t = 1.61			t = .30			t = .16		
Community Organizations	V	H	8	.813	162	85.3	23.3	167	1.58	2.57	164	2.56	1.10	166	3.12	0.70
		L	8	.419	190	85.2	23.1	190	1.60	2.56	192	2.41	1.18	195	3.05	0.79
			t_U = .63		t = .05			t = .08			t = 1.24			t = .82		
	C	H	6	.598	112	84.2	22.5	112	1.57	2.05	112	2.12	1.19	111	3.17	0.73
		L	7	.440	141	85.5	23.0	139	1.27	1.98	140	2.25	1.05	142	3.04	0.73
(C-1, 5A)			t_U = .94		t = .45			t = 1.17			t = .94			t = 1.36		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 73. Frequency of School Initiated Contacts with Community Elements

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	2.843	187	86.1	24.0	190	1.36	2.58	191	2.67	1.10	194	3.14	0.74
		L	8	0.854	165	84.3	22.3	167	1.86	2.52	165	2.27	1.16	167	3.01	0.75
			t_U = .01		t = .72			t = 1.82			t = 3.30 **			t = 1.56		
	C	H	6	3.456	98	83.6	22.7	95	1.65	2.32	96	2.01	1.14	97	3.08	0.69
		L	7	1.066	155	85.7	22.8	156	1.26	1.79	156	2.31	1.09	156	3.11	0.76
(C-2, 20F)			t_U = 1.17		t = .71			t = 1.49			t = -2.12 *			t = .32		
Potential Employers	V	H	8	2.280	191	86.0	22.5	192	1.31	2.39	193	2.49	1.14	197	3.11	0.77
		L	8	0.853	161	84.3	24.0	165	1.93	2.72	163	2.47	1.16	164	3.05	0.72
			t_U = .19		t = .70			t = 2.27 *			t = .13			t = .72		
	C	H	6	2.632	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
		L	7	0.394	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
(C-2, 20F)			t_U = 1.21		t = .12			t = .74			t = .30			t = .77		
Labor Organizations	V	H	8	3.784	164	83.3	23.8	161	1.86	2.68	162	2.35	1.13	164	2.98	0.74
		L	8	0.833	188	86.9	22.5	196	1.38	2.45	194	2.59	1.15	197	3.17	0.75
			t_U = 2.08		t = 1.47			t = 1.78			t = -1.96 *			t = -2.44 *		
	C	H	6	1.972	114	84.0	24.6	112	1.47	2.15	111	2.18	1.16	113	3.03	0.74
(C-4, 28F)		L	6	0.200	126	85.9	21.7	127	1.35	1.95	127	2.18	1.08	126	3.11	0.72
			t_U = .73		t = .64			t = .45			t = .03			t = .86		
Community Organizations	V	H	8	1.819	173	85.8	22.2	177	1.42	2.40	176	2.62	1.11	179	3.14	0.72
		L	8	0.623	179	84.7	24.2	180	1.76	2.71	180	2.34	1.17	182	3.03	0.77
			t_U = .50		t = .43			t = 1.24			t = 2.33 *			t = 1.43		
	C	H	7	2.326	126	83.5	23.7	127	1.59	2.13	125	2.20	1.19	125	3.18	0.73
(C-1, 6F)		L	6	0.794	127	86.3	21.8	124	1.22	1.88	127	2.19	1.05	128	3.02	0.73
			t_U = .10		t = .98			t = 1.47			t = .08			t = 1.82		
Employment Security Office	V	H	8	22.250	152	79.9	27.6	152	2.16	3.05	149	2.13	1.09	151	2.89	0.79
		L	8	6.375	200	89.3	18.2	205	1.17	2.04	207	2.74	1.12	210	3.22	0.68
			t_U = 2.20 *		t = -3.81 **			t = -3.67 **			t = -5.07 **			t = -4.30 **		
	C	H	7	21.714	154	84.3	24.6	153	1.33	2.01	151	2.31	1.12	152	3.08	0.72
		L	6	7.667	80	87.7	18.2	81	1.22	1.37	84	2.03	1.11	84	3.16	0.73
(C-3, 15F)			t_U = .75		t = 1.08			t = .45			t = 1.84			t = .84		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 74. Variety of School Initiated Contacts with Community Elements

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V H	8	1.822	170	84.7	25.8	175	1.54	2.91	174	2.55	1.13	177	3.09	0.78
	L	8	0.651	182	85.7	20.5	182	1.65	2.18	182	2.42	1.16	184	3.07	0.72
		t_U = .71		t = .42			t = .41			t = 1.05			t = .23		
(C-2, 20V)	C H	6	2.331	107	84.8	22.5	106	1.55	2.24	105	2.02	1.09	106	3.11	0.70
	L	7	0.726	146	85.0	23.1	145	1.30	1.83	147	2.32	1.12	147	3.09	0.75
		t_U = .10		t = .05			t = .98			t = -2.06 *			t = .22		
Potential Employers	V H	8	1.624	177	85.7	22.9	181	1.45	2.59	181	2.42	1.12	184	3.08	0.78
	L	8	0.693	175	84.8	23.6	176	1.75	2.53	175	2.55	1.17	177	3.09	0.72
		t_U = .50		t = .34			t = 1.11			t = 1.02			t = .13		
(C-2, 20V)	C H	6	1.616	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
	L	7	0.338	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
		t_U = 1.21		t = .12			t = .74			t = .30			t = .77		
Labor Organizations	V H	8	2.273	165	82.2	25.7	167	1.82	3.01	166	2.37	1.14	169	3.03	0.77
	L	8	0.608	187	87.9	20.4	190	1.39	2.08	190	2.58	1.14	192	3.13	0.73
		t_U = .45		t = -2.30 *			t = 1.59			t = 1.71			t = 1.25		
(C-4, 28V)	C H	6	1.722	114	84.0	24.6	112	1.47	2.15	111	2.18	1.16	113	3.03	0.74
	L	6	0.200	126	85.9	21.7	127	1.35	1.95	127	2.18	1.08	126	3.11	0.72
		t_U = .73		t = .64			t = .45			t = .03			t = .86		
Community Organizations	V H	8	1.206	155	85.4	21.9	156	1.65	2.39	155	2.47	1.11	157	3.03	0.73
	L	8	0.434	197	85.1	24.2	201	1.55	2.70	201	2.49	1.17	204	3.12	0.77
		t_U = 1.25		t = .11			t = .35			t = .12			t = 1.07		
(C-1, 6V)	C H	6	1.477	113	83.5	24.4	115	1.61	2.20	111	2.17	1.19	111	3.14	0.73
	L	7	0.688	140	86.0	21.3	136	1.24	1.83	141	2.22	1.06	142	3.07	0.73
		t_U = .46		t = .86			t = 1.45			t = .33			t = .79		
Employment Security Office	V H	8	8.750	141	80.8	26.6	141	2.16	3.14	140	2.21	1.11	142	2.93	0.76
	L	8	4.750	211	88.2	20.1	216	1.22	2.03	216	2.66	1.14	219	3.18	0.73
		t_U = 1.28		t = -2.93			t = -3.42 **			t = -3.64 **			t = -3.10 **		
(C-3, 15V)	C H	6	9.500	129	84.9	24.2	128	1.28	1.97	126	2.44	1.12	127	3.10	0.75
	L	7	5.143	124	84.9	21.3	123	1.53	2.06	126	1.96	1.06	126	3.10	0.72
		t_U = .42		t = .00			t = .98			t = 3.47 **			t = .03		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 75. Information Obtained About the School Through Mass Media

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
NEWSPAPERS	V	H	8	0.616	168	85.9	24.4	171	1.57	2.65	171	2.59	1.14	174	3.14	0.71
Employers of		L	8	0.368	184	84.6	22.0	186	1.62	2.49	185	2.38	1.14	187	3.02	0.78
1962 Graduates			t_U = .90		t = .54			t = .17			t = 1.77			t = 1.52		
	C	H	6	0.644	138	85.3	22.6	134	1.53	2.32	133	2.03	1.08	134	3.05	0.71
		L	7	0.133	115	84.5	23.0	117	1.26	1.57	119	2.38	1.13	119	3.15	0.75
(C-2, 22.1)			t_U = .64		t = .28			t = 1.05			t = -2.50*			t = 1.04		
Potential Employers	V	H	8	0.768	190	85.3	24.5	193	1.42	2.61	193	2.41	1.13	198	3.15	0.74
		L	8	0.401	162	85.1	21.7	164	1.80	2.50	163	2.57	1.16	163	2.99	0.75
			t_U = .77		t = .09			t = 1.38			t = 1.32			t = 2.06*		
	C	H	6	0.806	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
		L	7	0.222	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
(C-2, 22.1)			t_U = .67		t = .24			t = 1.04			t = .03			t = .05		
Labor Organizations	V	H	8	0.871	203	87.2	22.2	209	1.33	2.54	209	2.76	1.11	212	3.19	0.75
		L	8	0.277	149	82.6	24.2	148	1.97	2.55	147	2.09	1.08	149	2.92	0.73
			t_U = 1.82		t = 1.82			t = 2.34*			t = 5.65**			t = 3.37**		
	C	H	6	0.833	112	83.3	24.9	107	1.64	2.53	107	2.20	1.14	109	3.07	0.72
		L	6	0.067	128	86.5	21.4	132	1.21	1.52	131	2.16	1.09	130	3.08	0.74
(C-4, 33.1)			t_U = .40		t = 1.05			t = 1.61			t = .30			t = .16		
Community Organizations	V	H	8	0.897	185	87.2	23.0	190	1.31	2.55	191	2.63	1.11	195	3.23	0.69
		L	8	0.617	167	83.0	23.3	167	1.92	2.54	165	2.31	1.16	166	2.91	0.78
			t_U = 1.19		t = 1.70			t = 2.24*			t = 2.71**			t = 4.14**		
	C	H	7	0.780	152	84.6	23.6	149	1.55	2.16	146	2.11	1.09	148	3.08	0.72
		L	6	0.418	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
(C-1, 11.1)			t_U = .30		t = .26			t = 1.37			t = 1.48			t = .58		
RADIO	V	H	8	0.171	154	83.6	24.5	154	1.80	2.51	153	2.11	1.12	157	2.98	0.76
Employers of		L	8	0.032	198	86.5	22.1	203	1.44	2.59	203	2.76	1.08	204	3.16	0.73
1962 Graduates			t_U = .37		t = 1.19			t = 1.33			t = -5.48**			t = -2.15*		
	C	H	5	0.207	125	85.5	23.2	122	1.54	2.41	119	1.98	1.06	120	3.00	0.70
		L	8	0.000	128	84.4	22.4	129	1.28	1.54	133	2.39	1.13	133	3.19	0.75
(C-2, 22.3)			t_U = .71		t = .40			t = 1.07			t = -2.93**			t = -2.09*		
Potential Employers	V	H	8	0.146	146	84.6	24.2	154	1.72	2.83	151	2.50	1.14	154	3.11	0.74
		L	8	0.027	206	85.7	22.5	203	1.50	2.35	205	2.47	1.15	207	3.06	0.75
			t_U = 1.16		t = .43			t = .84			t = .20			t = .71		
	C	H	7	0.148	150	83.3	24.3	147	1.58	2.38	145	2.21	1.07	147	3.07	0.72
		L	6	0.000	103	87.2	20.3	104	1.15	1.30	107	2.17	1.18	106	3.14	0.75
(C-2, 22.3)			t_U = .26		t = 1.33			t = 1.66			t = .25			t = .70		
Labor Organizations	V	H	6	0.243	127	82.7	25.4	131	1.73	2.89	129	2.36	1.16	132	3.12	0.71
		L	10	0.000	225	86.7	21.8	226	1.51	2.36	227	2.55	1.13	229	3.06	0.77
(C-4, 33.3)			t_U = .29		t = 1.56			t = .77			t = 1.56			t = .65		
Community Organizations	V	H	8	0.497	189	85.2	24.0	192	1.40	2.56	192	2.36	1.16	197	3.13	0.75
		L	8	0.058	163	85.2	22.3	165	1.82	2.56	164	2.62	1.12	164	3.03	0.74
			t_U = .79		t = .00			t = 1.57			t = 2.12			t = 1.26		
	C	H	7	0.284	138	82.7	24.8	134	1.70	2.46	133	2.13	1.13	135	3.09	0.71
		L	6	0.055	115	87.6	19.9	117	1.07	1.25	119	2.27	1.10	118	3.11	0.76
(C-1, 11.3)			t_U = 1.21		t = 1.70			t = -2.48*			t = 1.05			t = .29		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 75. Information Obtained About the School Through Mass Media (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
TELEVISION Employers of 1962 Graduates	V	H	7	0.152	143	80.0	25.8	140	2.15	2.87	139	1.95	1.03	141	2.81	0.78
		L	9	0.000	209	88.8	20.5	217	1.24	2.28	217	2.82	1.09	220	3.26	0.68
			t_U = 1.90		t = -3.58**			t = -3.33**			t = -7.48**			t = -5.77**		
	C	H	4	0.120	89	85.0	22.8	86	1.70	2.58	85	2.06	1.13	86	3.04	0.72
		L	9	0.000	164	84.9	22.8	165	1.25	1.62	167	2.26	1.11	167	3.13	0.74
(C-2, 22.4)			t_U = .31		t = .02			t = 1.66			t = 1.36			t = .90		
Potential Employers	V	H	8	0.100	160	81.6	25.4	158	2.03	2.75	158	2.02	1.05	162	2.92	0.77
		L	8	0.003	192	88.2	20.8	199	1.25	2.35	198	2.85	1.09	199	3.21	0.70
			t_U = .47		t = -2.67**			t = -2.85**			t = -7.20**			t = -3.74**		
	C	H	4	0.066	87	82.8	24.0	84	1.76	2.62	84	2.24	1.10	85	3.03	0.73
		L	9	0.000	166	86.0	22.1	167	1.23	1.60	168	2.17	1.13	168	3.13	0.74
(C-2, 22.4)			t_U = .26		t = 1.09			t = -1.98*			t = .45			t = 1.03		
Labor Organizations	V	H	5	0.251	107	76.1	28.1	106	2.39	3.09	103	1.79	0.96	105	2.76	0.78
		L	11	0.000	245	89.2	19.4	251	1.26	2.22	253	2.77	1.10	256	3.21	0.70
(C-4, 33.4)			t_U = 1.67		t = -5.05**			t = -3.88**			t = -7.89**			t = -5.39**		
Community Organizations	V	H	7	0.271	146	82.2	24.8	145	1.82	2.41	143	2.04	1.06	147	2.97	0.72
		L	9	0.000	206	87.4	21.8	212	1.44	2.65	213	2.78	1.11	214	3.15	0.76
			t_U = 1.04		t = -2.09*			t = 1.38			t = -6.19**			t = -2.24*		
	C	H	6	0.194	112	83.3	24.9	107	1.64	2.53	107	2.20	1.14	109	3.07	0.72
		L	7	0.000	141	86.2	20.9	144	1.23	1.50	145	2.19	1.10	144	3.12	0.74
(C-1, 11.4)			t_U = .43		t = .98			t = 1.59			t = .11			t = .63		
BOOKLETS & BROCHURES Employers of 1962 Graduates	V	H	8	0.311	176	82.9	23.7	177	1.85	2.49	174	2.27	1.14	177	2.97	0.77
		L	8	0.055	176	87.6	22.5	180	1.35	2.61	182	2.69	1.12	184	3.19	0.71
			t_U = .32		t = 1.93			t = 1.84			t = -3.46**			t = -2.86**		
	C	H	7	0.340	173	84.4	24.0	173	1.50	2.24	167	2.29	1.08	168	3.12	0.75
(C-2, 22.2)		L	6	0.000	80	86.0	20.0	78	1.21	1.38	85	2.02	1.17	85	3.05	0.69
			t_U = .51		t = .51			t = 1.05			t = 1.81			t = .75		
Potential Employers	V	H	8	0.280	149	86.2	20.7	151	1.78	2.55	151	2.47	1.15	152	3.05	0.72
		L	8	0.073	203	84.5	24.9	206	1.46	2.57	205	2.49	1.14	209	3.10	0.77
			t_U = .14		t = .67			t = 1.17			t = .15			t = .62		
	C	H	7	0.246	158	85.0	23.4	160	1.46	2.20	154	2.37	1.10	155	3.11	0.76
(C-2, 22.2)		L	6	0.000	95	84.8	21.8	91	1.32	1.64	98	1.93	1.10	98	3.07	0.69
			t_U = 2.25*		t = .04			t = .53			t = 3.09**			t = .43		
Labor Organizations (C-4, 33.2)	C	H	4	0.666	89	82.2	26.8	86	1.52	2.36	86	2.33	1.03	88	3.08	0.77
		L	8	0.000	151	86.7	20.5	153	1.34	1.85	152	2.09	1.15	151	3.07	0.71
			t_U = .86		t = 1.46			t = .68			t = 1.61			t = .14		
Community Organizations	V	H	8	0.425	169	83.4	23.9	170	1.87	2.59	168	2.31	1.10	170	2.95	0.78
		L	8	0.101	183	87.0	22.4	187	1.34	2.52	188	2.64	1.16	191	3.20	0.70
			t_U = .33		t = 1.46			t = 1.95			t = -2.76**			t = -3.13**		
	C	H	7	0.332	173	84.4	24.0	173	1.50	2.24	167	2.29	1.08	168	3.12	0.75
(C-1, 11.2)		L	6	0.046	80	86.0	20.0	78	1.21	1.38	85	2.02	1.17	85	3.05	0.69
			t_U = .51		t = .51			t = 1.05			t = 1.81			t = .75		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 75. Information Obtained About the School Through Mass Media (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
EXHIBITS & DISPLAYS Employers of 1962 Graduates (C-2, 22.5)	V	H	8	.184	181	85.9	22.8	184	1.45	2.52	182	2.67	1.09	184	3.13	0.72
		L	8	.018	171	84.6	23.6	173	1.74	2.60	174	2.29	1.17	177	3.03	0.77
			t_U = .87		t = .54			t = 1.07			t = 3.19**			t = 1.39		
	C	H	6	.248	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
		L	7	.000	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
			t_U = .67		t = .24			t = 1.04			t = .03			t = .05		
Potential Employers (C-2, 22.5)	V	H	8	.303	149	87.6	20.4	152	1.44	2.26	151	2.51	1.08	153	3.13	0.66
		L	8	.068	203	83.5	24.9	205	1.71	2.77	205	2.46	1.19	208	3.05	0.81
			t_U = .40		t = 1.66			t = 1.00			t = .38			t = .98		
	C	H	6	.265	94	86.0	21.0	91	1.43	2.14	93	2.15	1.12	94	3.16	0.72
		L	7	.020	159	84.3	23.8	160	1.39	1.94	159	2.22	1.12	159	3.06	0.74
			t_U = .88		t = .55			t = .13			t = .46			t = .95		
Labor Organizations (C-4, 33.5)	V	H	6	.394	127	87.1	19.8	135	1.40	2.19	132	2.54	1.11	134	3.17	0.66
		L	10	.000	225	84.2	24.9	222	1.71	2.76	224	2.45	1.16	227	3.03	0.79
			t_U = 1.07		t = 1.14			t = 1.09			t = .76			t = 1.78		
	C	H	3	.500	71	83.3	26.7	68	1.44	2.46	67	2.42	1.04	69	3.08	0.73
		L	9	.000	169	85.7	21.4	171	1.39	1.86	171	2.09	1.13	170	3.07	0.73
			t_U = .28		t = .75			t = .17			t = 2.05*			t = .05		
Community Organizations (C-1, 11.5)	V	H	8	.556	161	84.6	23.6	171	1.69	2.80	166	2.44	1.09	168	3.09	0.72
		L	8	.105	191	85.8	22.9	186	1.51	2.33	190	2.52	1.19	193	3.08	0.77
			t_U = 1.46		t = .48			t = .65			t = .69			t = .11		
	C	H	6	.319	140	83.7	24.3	137	1.59	2.43	134	2.20	1.05	136	3.07	0.73
		L	7	.038	113	86.5	20.7	114	1.18	1.32	118	2.19	1.20	117	3.13	0.74
			t_U = .35		t = .98			t = 1.59			t = .01			t = .60		
TOTAL IMPACT Employers of 1962 Graduates (C-2, 22)	V	H	8	9.536	165	85.9	23.7	173	1.46	2.71	170	2.61	1.14	173	3.15	0.74
		L	8	1.674	187	84.7	22.8	184	1.72	2.42	186	2.37	1.14	188	3.02	0.75
			t_U = 1.10		t = .48			t = .96			t = 1.97			t = 1.64		
	C	H	6	4.774	139	84.8	24.2	137	1.56	2.43	132	2.07	1.08	134	3.03	0.71
		L	7	0.451	114	85.1	21.0	114	1.22	1.33	120	2.33	1.15	119	3.18	0.75
			t_U = .35		t = .13			t = 1.33			t = 1.88			t = 1.61		
Potential Employers (C-2, 22)	V	H	8	8.237	167	87.1	21.0	175	1.39	2.36	172	2.55	1.09	175	3.20	0.65
		L	8	1.908	185	83.5	24.9	182	1.79	2.74	184	2.42	1.19	186	2.97	0.82
			t_U = 1.10		t = 1.46			t = 1.47			t = 1.13			t = 2.93**		
	C	H	6	5.842	127	85.3	22.9	124	1.54	2.38	121	2.20	1.11	123	3.10	0.74
		L	7	0.664	126	84.6	22.7	127	1.27	1.57	131	2.19	1.13	130	3.10	0.73
			t_U = .67		t = .24			t = 1.04			t = .03			t = .05		
Labor Organizations (C-4, 33)	V	H	8	12.120	166	85.4	24.1	170	1.50	2.58	168	2.49	1.14	171	313	0.69
		L	8	0.854	186	85.1	22.4	187	1.68	2.55	188	2.48	1.15	190	3.04	0.79
			t_U = .34		t = .08			t = .63			t = .04			t = 1.16		
	C	H	6	4.292	112	83.3	24.9	107	1.64	2.53	107	2.20	1.14	109	3.07	0.72
		L	6	0.158	128	86.5	21.4	132	1.21	1.52	131	2.16	1.09	130	3.08	0.74
			t_U = .40		t = 1.05			t = 1.61			t = .30			t = .16		
Community Organizations (C-1, 11)	V	H	8	14.798	181	89.5	19.2	187	1.17	2.04	187	2.77	1.07	190	3.27	0.64
		L	8	4.259	171	80.7	26.0	170	2.06	2.97	169	2.16	1.15	171	2.87	0.81
			t_U = .82		t = 3.59**			t = 3.32**			t = 5.16**			t = 5.13**		
	C	H	7	6.986	152	84.6	23.6	149	1.55	2.36	146	2.11	1.09	148	3.08	0.72
		L	6	1.609	101	85.4	21.5	102	1.19	1.34	106	2.32	1.15	105	3.13	0.75
			t_U = .30		t = .26			t = 1.37			t = 1.48			t = .58		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 76. Frequency of School Contacts Initiated by Community Elements

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	2.069	158	84.5	25.3	157	1.68	2.71	158	2.52	1.14	161	3.05	0.77
		L	8	0.869	194	85.9	21.4	200	1.53	2.44	198	2.45	1.15	200	3.11	0.73
			$\underline{t}_U$ = 1.22		$\underline{t}$ = .57			$\underline{t}$ = .53			$\underline{t}$ = .58			$\underline{t}$ = .74		
	C	H	6	3.077	139	84.8	24.2	137	1.56	2.43	132	2.07	1.08	134	3.03	0.71
		L	7	0.548	114	85.1	21.0	114	1.22	1.33	120	2.33	1.15	119	3.18	0.75
(C-2, 23F)			$\underline{t}_U$ = .35		$\underline{t}$ = .13			$\underline{t}$ = 1.33			$\underline{t}$ = 1.88			$\underline{t}$ = 1.61		
Potential Employers	V	H	8	1.914	183	85.6	23.5	189	1.43	2.49	185	2.55	1.14	188	3.18	0.71
		L	8	0.919	169	84.8	22.9	168	1.78	2.64	171	2.41	1.15	173	2.97	0.77
			$\underline{t}_U$ = .47		$\underline{t}$ = .33			$\underline{t}$ = 1.28			$\underline{t}$ = 1.09			$\underline{t}$ = 2.70**		
	C	H	7	1.969	136	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	0.284	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
(C-2, 23F)			$\underline{t}_U$ = .76		$\underline{t}$ = .08			$\underline{t}$ = 1.10			$\underline{t}$ = .27			$\underline{t}$ = .05		
Labor Organizations	V	H	8	2.806	156	85.2	22.6	155	1.71	2.57	156	2.37	1.15	158	3.04	0.72
		L	8	0.583	196	85.3	23.7	202	1.50	2.56	200	2.57	1.14	203	3.11	0.77
			$\underline{t}_U$ = .40		$\underline{t}$ = .06			$\underline{t}$ = .78			$\underline{t}$ = 1.56			$\underline{t}$ = .94		
	C	H	6	2.839	115	83.0	24.6	109	1.59	2.51	110	2.31	1.10	112	3.02	0.72
		L	6	0.042	122	86.1	22.5	126	1.28	1.57	124	2.09	1.15	123	3.11	0.75
(C-4, 30F)			$\underline{t}_U$ = .44		$\underline{t}$ = 1.03			$\underline{t}$ = 1.14			$\underline{t}$ = 1.49			$\underline{t}$ = .95		
Community Organizations	V	H	8	2.203	186	87.9	20.7	189	1.20	2.32	191	2.72	1.10	194	3.18	0.73
		L	8	0.685	166	82.2	25.4	168	2.04	2.75	165	2.21	1.14	167	2.97	0.76
			$\underline{t}_U$ = .19		$\underline{t}$ = 2.32*			$\underline{t}$ = 3.15**			$\underline{t}$ = 4.22**			$\underline{t}$ = 2.75**		
	C	H	7	1.714	133	83.2	23.0	132	1.54	2.02	136	2.20	1.09	135	3.17	0.75
		L	6	0.982	120	86.8	22.4	119	1.26	2.00	116	2.19	1.15	118	3.01	0.71
(C-1, 8F)			$\underline{t}_U$ = .75		$\underline{t}$ = 1.24			$\underline{t}$ = 1.12			$\underline{t}$ = .01			$\underline{t}$ = 1.72		
Employment Security Office	V	H	8	18.000	169	82.3	26.1	168	1.94	2.93	169	2.23	1.13	172	2.93	0.82
		L	8	7.750	183	87.9	19.8	189	1.28	2.14	187	2.71	1.11	189	3.22	0.65
			$\underline{t}_U$ = .22		$\underline{t}$ = -2.28*			$\underline{t}$ = -2.44*			$\underline{t}$ = -3.99**			$\underline{t}$ = -3.66**		
	C	H	7	21.428	147	84.0	24.6	146	1.35	1.97	145	2.38	1.11	146	3.10	0.77
		L	6	6.167	106	86.1	19.9	105	1.48	2.08	107	1.94	1.08	107	3.10	0.68
(C-3, 17F)			$\underline{t}_U$ = .14		$\underline{t}$ = .72			$\underline{t}$ = .48			$\underline{t}$ = -3.17**			$\underline{t}$ = .04		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 77. Variety of School Contacts Initiated by Community Elements

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	1.395	158	84.5	25.3	157	1.68	2.71	158	2.52	1.14	161	3.05	0.77
		L	8	0.597	194	85.9	21.4	200	1.53	2.44	198	2.45	1.15	200	3.11	0.73
			t_U = 1.22		t = .57			t = .53			t = .58			t = .74		
(C-2, 23V)	C	H	7	1.582	149	84.4	24.2	147	1.55	2.38	143	2.09	1.10	145	3.03	0.71
		L	6	0.375	104	85.7	20.6	104	1.19	1.31	109	2.33	1.33	108	3.19	0.76
			t_U = .26		t = .46			t = 1.40			t = 1.65			t = 1.73		
Potential Employers	V	H	8	1.369	184	85.8	23.5	191	1.37	2.47	187	2.50	1.12	191	3.19	0.71
		L	8	0.723	168	84.6	22.9	166	1.85	2.65	169	2.47	1.18	170	2.96	0.77
			t_U = .34		t = .49			t = 1.75			t = .24			t = 2.87 **		
(C-2, 23V)	C	H	7	1.221	137	84.8	23.0	134	1.54	2.33	132	2.21	1.13	134	3.10	0.74
		L	6	0.240	116	85.0	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
			t_U = .76		t = .08			t = 1.10			t = .27			t = .05		
Labor Organizations	V	H	8	1.853	163	80.6	26.4	160	2.01	2.93	159	2.10	1.11	162	2.90	0.80
		L	8	0.479	189	89.3	19.2	197	1.26	2.17	197	2.79	1.08	199	3.23	0.67
			t_U = 2.45 *		t = -3.55 **			t = -2.76 **			t = -5.84 **			t = -4.25 **		
(C-4, 30V)	C	H	6	1.606	115	83.0	24.6	109	1.59	2.51	110	2.31	1.10	112	3.02	0.72
		L	6	0.042	125	86.9	21.5	130	1.25	1.55	128	2.07	1.12	127	3.12	0.74
			t_U = .73		t = 1.31			t = 1.26			t = 1.63			t = 1.11		
Community Organizations	V	H	8	1.210	180	86.9	22.2	187	1.35	2.60	186	2.65	1.13	189	3.17	0.74
		L	8	0.480	172	83.5	24.1	170	1.86	2.50	170	2.30	1.14	172	2.97	0.75
			t_U = .73		t = 1.40			t = 1.90			t = 2.84 **			t = 2.47 *		
(C-1, 8V)	C	H	6	1.285	120	82.7	23.8	118	1.58	2.08	121	2.20	1.09	120	3.17	0.76
		L	7	0.789	133	86.9	21.7	133	1.25	1.94	131	2.19	1.15	133	3.03	0.70
			t_U = .72		t = 1.47			t = 1.30			t = .06			t = 1.51		
Employment Security Office	V	H	8	8.625	170	84.3	23.9	168	1.78	2.66	169	2.46	1.17	171	3.01	0.81
		L	8	4.875	182	86.1	22.5	189	1.43	2.47	187	2.50	1.12	190	3.15	0.68
			t_U = .99		t = .70			t = 1.30			t = .31			t = 1.77		
(C-3, 17V)	C	H	7	8.857	142	85.2	23.4	142	1.27	1.91	141	2.41	1.13	142	3.11	0.73
		L	6	3.500	92	85.9	21.5	92	1.33	1.66	94	1.91	1.06	94	3.10	0.72
			t_U = .63		t = .23			t = .22			t = 3.38 **			t = .08		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 78. School-Community Interaction:
Value of Service on Advisory Committees

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	3	0.283	77	86.6	21.2	76	1.32	1.59	76	2.49	1.20	77	3.10	0.77
		L	13	0.000	275	84.9	23.8	281	1.67	2.77	280	2.48	1.13	284	3.08	0.74
			t_U = 1.85		t = .56			t = 1.03			t = .10			t = .20		
	C	H	6	0.373	94	85.0	23.2	94	1.56	2.34	91	1.96	1.07	92	3.05	0.70
		L	7	0.000	114	85.1	21.0	114	1.22	1.33	120	2.33	1.15	119	3.18	0.75
(C-2, 25)			t_U = .12		t = .03			t = 1.33			t = -2.41*			t = 1.29		
Potential Employers	V	H	8	0.317	161	87.4	21.7	162	1.29	2.18	162	2.47	1.16	165	3.10	0.75
		L	8	0.023	191	83.4	24.3	195	1.85	2.82	194	2.49	1.13	196	3.06	0.75
			t_U = .87		t = 1.60			t = 2.05*			t = .19			t = .51		
	C	H	6	0.287	127	84.6	23.4	124	1.50	2.39	121	2.28	1.08	123	3.00	0.73
		L	7	0.000	126	85.2	22.2	127	1.31	1.56	131	2.12	1.15	130	3.19	0.72
(C-2, 25)			t_U = .38		t = .22			t = .72			t = 1.13			t = -2.03*		
Labor Organizations	V	H	8	0.969	196	84.1	25.3	200	1.57	2.86	198	2.58	1.13	201	3.14	0.74
		L	8	0.042	156	86.7	20.3	157	1.63	2.14	158	2.36	1.15	160	3.01	0.75
			t_U = 1.42		t = 1.07			t = .21			t = 1.75			t = 1.54		
	C	H	3	0.833	71	83.3	26.7	68	1.44	2.46	67	2.42	1.04	69	3.08	0.73
		L	9	0.000	169	85.7	21.4	171	1.39	1.86	171	2.09	1.13	170	3.07	0.73
(C-4, 32)			t_U = 3.95**		t = .75			t = .17			t = 2.05*			t = .05		
Community Organizations	V	H	7	0.313	142	86.8	21.6	146	1.46	2.40	144	2.64	1.11	146	3.17	0.70
		L	9	0.000	210	84.2	24.2	211	1.69	2.67	212	2.38	1.16	215	3.02	0.78
			t_U = .37		t = 1.03			t = .84			t = 2.13*			t = 1.84		
	C	H	7	0.256	131	84.7	22.7	131	1.51	2.08	129	2.17	1.17	129	3.14	0.73
		L	6	0.034	122	85.2	22.9	120	1.29	1.94	123	2.22	1.06	124	3.05	0.73
(C-1, 10)			t_U = .26		t = .19			t = .84			t = .35			t = .99		
Employment Security Office	V	H	4	2.750	107	90.3	17.1	112	0.96	2.11	113	2.82	1.10	114	3.29	0.66
		L	12	0.000	245	83.0	25.1	245	1.88	2.70	243	2.33	1.13	247	2.99	0.77
(C-3, 19)			t_U = 1.16		t = 2.71**			t = 3.19**			t = 3.85**			t = 3.58**		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 79. Community Organization Opinions of the School: Facilities and Instruction

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	32.617	154	85.5	22.7	154	1.87	2.74	155	2.56	1.15	156	3.02	0.78
		L	8	29.262	198	85.0	23.6	203	1.39	2.40	201	2.42	1.14	205	3.13	0.72
			$\underline{t}_U$ = .04		$\underline{t}$ = .19			$\underline{t}$ = 1.77			$\underline{t}$ = 1.11			$\underline{t}$ = 1.38		
(C-2; 26.1, 26.2, 26.5, 26.12)	C	H	7	32.699	118	85.9	20.2	115	1.43	2.01	118	1.97	1.12	118	3.04	0.68
		L	6	27.612	135	84.1	24.9	136	1.39	2.02	134	2.39	1.08	135	3.15	0.77
			$\underline{t}_U$ = .42		$\underline{t}$ = .62			$\underline{t}$ = .14			$\underline{t}$ = -3.04^{**}			$\underline{t}$ = 1.27		
Potential Employers	V	H	8	31.684	189	89.2	19.0	191	1.25	2.18	194	2.79	1.08	196	3.22	0.69
		L	8	28.469	163	80.7	26.6	166	1.99	2.89	162	2.11	1.11	165	2.92	0.79
			$\underline{t}_U$ = .85		$\underline{t}$ = 3.46^{**}			$\underline{t}$ = 2.74^{**}			$\underline{t}$ = 5.87^{**}			$\underline{t}$ = 3.80^{**}		
(C-2, 26.1, 26.2, 26.5, 26.12)	C	H	6	32.313	88	87.6	19.2	88	1.14	1.48	89	2.18	1.19	90	3.11	0.70
		L	7	28.256	165	83.5	24.4	163	1.55	2.24	163	2.20	1.08	163	3.09	0.75
			$\underline{t}_U$ = 1.26		$\underline{t}$ = 1.38			$\underline{t}$ = 1.54			$\underline{t}$ = .17			$\underline{t}$ = .11		
Labor Organizations	V	H	7	32.748	180	88.1	20.4	175	1.31	2.22	181	2.68	1.13	183	3.14	0.72
		L	7	28.436	146	81.6	25.7	154	1.82	2.88	148	2.20	1.12	151	3.00	0.80
			$\underline{t}_U$ = .48		$\underline{t}$ = 2.55^{*}			$\underline{t}$ = 1.78			$\underline{t}$ = 3.84^{**}			$\underline{t}$ = 1.73		
(C-4; 35.1, 35.2, 35.5, 35.12)	C	H	6	33.378	123	84.1	24.8	121	1.36	2.09	121	2.30	1.05	123	3.06	0.75
		L	5	25.283	104	85.7	21.9	104	1.48	2.07	102	2.04	1.17	101	3.07	0.72
			$\underline{t}_U$ = .45		$\underline{t}$ = .52			$\underline{t}$ = .45			$\underline{t}$ = 1.73			$\underline{t}$ = .06		
Community Organizations	V	H	8	32.150	193	85.9	23.1	188	1.47	2.35	192	2.53	1.16	195	3.10	0.75
		L	8	28.272	159	84.4	23.3	169	1.74	2.78	164	2.43	1.13	166	3.06	0.75
			$\underline{t}_U$ = 1.25		$\underline{t}$ = .59			$\underline{t}$ = .99			$\underline{t}$ = .79			$\underline{t}$ = .43		
(C-1; 15.1, 15.2, 15.5, 15.12)	C	H	7	32.507	136	84.9	22.1	137	1.43	1.96	135	2.33	1.10	135	3.15	0.79
		L	6	29.413	117	85.0	23.6	114	1.37	2.08	117	2.04	1.12	118	3.04	0.66
			$\underline{t}_U$ = 1.21		$\underline{t}$ = .02			$\underline{t}$ = .22			$\underline{t}$ = 2.13^{*}			$\underline{t}$ = 1.22		
Employment Security Office	V	H	8	34.750	187	87.9	20.2	190	1.32	2.12	191	2.84	1.07	193	3.23	0.66
		L	8	25.875	165	82.3	26.0	167	1.90	2.96	165	2.06	1.09	168	2.91	0.81
			$\underline{t}_U$ = .40		$\underline{t}$ = 2.27^{*}			$\underline{t}$ = 2.15^{*}			$\underline{t}$ = 6.77^{**}			$\underline{t}$ = 4.13^{**}		
(C-3, 25.1, 25.2, 25.5, 25.12)	C	H	6	25.667	110	85.0	22.0	110	1.46	2.21	109	2.10	1.05	110	3.02	0.69
		L	7	27.857	143	84.9	23.4	141	1.36	1.85	143	2.27	1.16	143	3.16	0.76
			$\underline{t}_U$ = .10		$\underline{t}$ = .03			$\underline{t}$ = .41			$\underline{t}$ = 1.22			$\underline{t}$ = 1.56		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 80. Community Organization Opinions of the School: Counseling and Placement

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERION RESULTS												
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION			
		SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD	
Employers of 1962 Graduates	H	8	33.484	163	86.5	23.0	164	1.68	2.74	166	2.53	1.15	167	3.06	0.75	
	L	8	25.362	189	84.1	23.4	193	1.52	2.40	190	2.44	1.14	194	3.10	0.75	
		t_U = .66		t = .95			t = .58			t = .78			t = .49			
	H	7	32.121	110	84.0	22.5	109	1.58	2.13	110	2.15	1.13	111	3.14	0.76	
	L	6	20.516	143	85.7	23.0	142	1.27	1.91	142	2.23	1.11	142	3.07	0.71	
(C-2; 26.3, 26.4, 26.14)		t_U = .59		t = .59			t = 1.23			t = .61			t = .75			
Potential Employers	H	8	30.361	189	89.2	19.0	191	1.25	2.18	194	2.79	1.08	196	3.22	0.69	
	L	8	23.757	163	80.7	26.6	166	1.99	2.89	162	2.11	1.11	165	2.92	0.79	
		t_U = .85		t = 3.46**			t = 2.74**			t = 5.87**			t = 3.80**			
	H	7	29.958	111	85.6	19.8	108	1.46	1.94	112	2.05	1.13	112	3.07	0.74	
(C-2; 26.3, 26.4, 26.14)	L	6	21.704	142	84.4	24.9	143	1.37	2.07	140	2.31	1.10	141	3.12	0.72	
		t_U = .02		t = .41			t = .34			t = 1.84			t = .64			
Labor Organizations	H	7	32.505	167	90.2	19.2	171	0.96	2.09	173	2.83	1.06	176	3.28	0.68	
	L	6	26.704	125	77.9	26.8	124	2.36	2.98	121	1.81	0.96	123	2.77	0.77	
		t_U = 1.05		t = 4.55**			t = 4.71**			t = 8.44**			t = 5.97**			
	H	4	33.000	86	86.1	21.3	88	1.41	1.99	85	2.35	1.13	84	3.14	0.78	
	L	5	24.253	111	83.8	25.3	107	1.39	2.26	107	2.19	1.07	109	3.00	0.68	
(C-4; 35.3, 35.4, 35.14)		t_U = 1.95		t = .66			t = .07			t = .95			t = 1.26			
Community Organizations	H	8	32.438	200	85.3	23.3	199	1.49	2.71	203	2.59	1.15	206	3.10	0.76	
	L	8	26.762	152	85.1	23.1	158	1.73	2.37	153	2.33	1.12	155	3.06	0.73	
		t_U = .24		t = .08			t = .86			t = 2.13*			t = .54			
	H	6	33.075	92	85.8	21.1	93	1.49	2.17	92	2.12	1.15	93	3.09	0.71	
	L	7	29.080	161	84.4	23.7	158	1.35	1.92	160	2.24	1.10	160	3.10	0.75	
(C-1; 15.3, 15.4, 15.14)		t_U = .94		t = .48			t = .52			t = .78			t = .08			
Employment Security Office	H	8	34.750	191	86.0	23.0	191	1.39	2.48	192	2.58	1.12	195	3.13	0.76	
	L	7	25.714	132	82.6	25.0	137	2.03	2.84	134	2.21	1.14	136	2.96	0.73	
		t_U = 1.27		t = 1.25			t = 2.16*			t = 2.95**			t = 2.04*			
	H	6	37.500	109	85.7	19.8	107	1.43	2.05	110	2.05	1.05	110	3.05	0.69	
	L	7	27.000	144	84.4	24.9	144	1.39	1.99	142	2.31	1.15	143	3.14	0.77	
(C-3; 25.3, 25.4, 25.14)		t_U = .18		t = .45			t = .14			t = 1.83			t = .99			

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 81. Community Organization Opinions of the School: Quality of Students and Graduates

DATA FORM	GROUP	COMMUNITY SCORES		GRADUATE CRITERICON RESULTS											
				SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
		SCHOOLS	M	N	M	SD	N	M	SD	NN	M	SD	N	M	SD
Employers of 1962	H	8	31.174	198	842	23.5	198	1.62	2.56	1988	2.52	1.13	201	3.08	0.77
Graduates	L	8	25.598	154	86.6	22.8	159	1.57	2.57	1588	2.44	1.16	160	3.08	0.72
		$\underline{t}_U$ = .66		$\underline{t}$ = .99			$\underline{t}$ = .18			$\underline{tt}$ = .63			$\underline{t}$ = .04		
	H	6	30.611	99	87.4	19.2	98	1.17	1.48	1011	1.96	1.14	101	3.04	0.66
	L	7	27.333	154	83.3	24.7	153	1.56	2.28	1511	2.35	1.08	152	3.14	0.77
(C-2; 26.8, 26.11, 26.15)		$\underline{t}_U$ = .10		$\underline{t}$ = 1.39			$\underline{t}$ = 1.50			$\underline{tt}$ = 2.75^{**}			$\underline{t}$ = 1.00		
Potential Employers	H	8	30.364	182	88.9	19.1	185	1.23	2.21	1888	2.80	1.10	190	3.22	0.68
	L	8	25.717	170	81.3	26.4	17[illegible]	1.98	2.85	1668	2.13	1.09	171	2.93	0.79
		$\underline{t}_U$ = .79		$\underline{t}$ = 3.12^{**}			$\underline{t}$ = 2.80^{**}			$\underline{tt}$ = 5.67^{**}			$\underline{t}$ = 3.74^{**}		
	H	6	30.114	126	86.8	20.9	129	1.39	1.95	1266	2.07	1.13	125	3.11	0.72
	L	7	25.587	127	83.0	24.4	122	1.42	2.08	1266	2.32	1.09	128	3.09	0.74
(C-2; 26.8, 26.11, 26.15)		$\underline{t}_U$ = .97		$\underline{t}$ = 1.33			$\underline{t}$ = .15			$\underline{tt}$ = 1.81			$\underline{t}$ = .24		
Labor Organizations	H	7	33.466	201	85.9	21.8	198	1.44	2.25	2022	2.50	1.17	206	3.13	0.75
	L	6	27.210	105	86.9	22.6	111	1.41	2.60	1088	2.50	1.11	109	3.09	0.71
		$\underline{t}_U$ = .07		$\underline{t}$ = .37			$\underline{t}$ = .09			$\underline{tt}$ = .02			$\underline{t}$ = .44		
	H	5	31.320	131	85.4	23.1	131	1.45	2.22	1266	2.34	1.10	126	3.09	0.77
	L	6	26.278	96	84.1	24.1	94	1.36	1.88	977	1.98	1.10	98	3.04	0.69
(C-4; 35.8, 35.11, 35.15)		$\underline{t}_U$ = 1.53		$\underline{t}$ = .42			$\underline{t}$ = .31			$\underline{tt}$ = 2.39^{*}			$\underline{t}$ = .47		
Community Organizations	H	8	30.884	205	87.9	20.6	205	1.22	2.13	2088	2.70	1.13	211	3.19	0.73
	L	8	28.330	147	81.5	26.0	152	2.10	2.99	1488	2.18	1.10	150	2.92	0.75
		$\underline{t}_U$ = .09		$\underline{t}$ = 2.57^{*}			$\underline{t}$ = 3.23^{**}			$\underline{tt}$ = 4.34^{**}			$\underline{t}$ = 3.42^{**}		
	H	7	30.364	129	87.4	20.8	134	1.19	1.49	1311	2.23	1.16	131	3.13	0.76
	L	6	26.923	124	82.3	24.4	117	1.66	2.46	1211	2.16	1.08	122	3.06	0.71
(C-1; 15.8, 15.11, 15.15)		$\underline{t}_U$ = 1.99		$\underline{t}$ = 1.79			$\underline{t}$ = 1.84			$\underline{tt}$ = .51			$\underline{t}$ = .70		
Employment Security Office	H	8	32.875	178	87.8	21.6	186	1.29	2.31	1844	2.79	1.06	186	3.21	0.67
	L	8	27.000	174	82.7	24.5	171	1.92	2.78	1722	2.15	1.15	175	2.94	0.80
		$\underline{t}_U$ = 1.04		$\underline{t}$ = 2.06^{*}			$\underline{t}$ = 2.34^{*}			$\underline{tt}$ = 5.48^{**}			$\underline{t}$ = 3.52^{**}		
	H	6	32.167	126	85.4	21.6	121	1.44	2.26	1244	2.23	1.05	125	3.09	0.73
	L	7	26.143	127	84.4	23.9	130	1.38	1.75	1288	2.16	1.18	128	3.11	0.74
(C-3; 25.8, 25.11, 25.15)		$\underline{t}_U$ = .46		$\underline{t}$ = .37			$\underline{t}$ = .24			$\underline{t}$ = .51			$\underline{t}$ = .15		

* significant at the .05 level of confidence

** significant at the .01 level of confidence

Table 82. Community Organization Opinions of the School: Community Relationships

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	34.128	187	83.7	25.1	184	1.74	2.76	186	2.42	1.16	188	2.99	0.80
		L	8	29.922	165	87.0	20.7	173	1.44	2.34	170	2.55	1.13	173	3.18	0.68
			t_U = .90		t = 1.35			t = 1.13			t = 1.04			t = -2.38*		
(C-2; 26.6, 26.7, 26.9, 26.10, 26.13)	C	H	6	34.397	133	85.6	23.6	132	1.37	2.11	129	2.12	1.10	131	3.09	0.71
		L	7	26.150	120	84.2	21.9	119	1.44	1.90	123	2.28	1.13	122	3.11	0.76
			t_U = .02		t = .48			t = .26			t = 1.13			t = .29		
Potential Employers	V	H	8	32.234	191	87.0	22.0	193	1.39	2.53	195	2.79	1.09	197	3.17	0.74
		L	8	27.822	161	83.1	24.4	164	1.83	2.59	161	2.11	1.10	164	2.97	0.75
			t_U = .37		t = 1.59			t = 1.61			t = 5.84**			t = 2.54*		
(C-2; 26.6, 26.7, 26.9, 26.10, 26.13)	C	H	6	32.234	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	27.292	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	[illegible]	0.76
			t_U = .14		t = .16			t = .73			t = -2.88**			t = .35		
Labor Organizations	V	H	6	33.578	160	88.1	20.8	160	1.13	2.36	163	2.83	1.07	165	3.21	0.73
		L	8	28.843	166	82.3	24.9	169	1.94	2.69	166	2.11	1.12	169	2.94	0.77
			t_U = .57		t = 2.28*			t = 2.89**			t = 6.00**			t = 3.30**		
(C-4; 35.6, 35.7, 35.9, 35.10, 35.13)	C	H	6	30.150	149	85.8	23.5	149	1.25	1.89	147	2.25	1.10	147	3.08	0.73
		L	5	25.607	78	83.1	23.5	76	1.74	2.39	76	2.04	1.14	77	3.04	0.76
			t_U = .58		t = .81			t = 1.68			t = 1.31			t = .32		
Community Organizations	V	H	8	32.935	173	87.0	22.4	172	1.37	2.29	175	2.62	1.15	178	3.12	0.71
		L	8	28.859	179	83.6	23.9	185	1.80	2.78	181	2.35	1.13	183	3.04	0.78
			t_U = .01		t = 1.36			t = 1.58			t = 2.29*			t = .99		
(C-1: 15.6, 15.7, 15.9, 15.10, 15.13)	C	H	6	33.858	93	86.3	21.6	94	1.24	1.62	94	2.11	1.16	95	3.04	0.73
		L	7	29.626	160	84.1	23.4	157	1.51	2.21	158	2.25	1.09	158	3.13	0.73
			t_U = .45		t = .75			t = 1.03			t = .92			t = .94		
Employment Security Office	V	H	8	38.250	195	86.2	23.1	193	1.33	2.37	196	2.53	1.14	200	3.16	0.73
		L	8	30.125	157	84.1	23.3	164	1.91	2.75	160	2.42	1.16	161	2.99	0.76
			t_U = 1.01		t = .84			t = 2.12*			t = .85			t = 2.16*		
(C-3; 25.6, 25.7, 25.9, 25.10, 25.13)	C	H	6	38.667	135	86.2	21.5	133	1.27	1.94	134	2.13	1.07	135	3.03	0.69
		L	7	29.143	118	83.4	24.2	118	1.55	2.08	118	2.27	1.17	118	3.17	0.77
			t_U = .27		t = .98			t = 1.10			t = .92			t = 1.49		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
ADEQUACY OF SHOP FACILITIES	V	H	8	3.421	183	87.0	21.6	187	1.52	2.63	188	2.70	1.11	189	3.12	0.76
Employers of 1962		L	8	2.840	169	83.3	24.7	170	1.68	2.49	168	2.24	1.14	172	3.04	0.74
Graduates			t_U = 1.19		t = 1.47			t = .59			t = 3.89**			t = .92		
	C	H	6	3.438	140	86.8	21.4	140	1.20	1.74	138	2.36	1.13	138	3.10	0.76
		L	6	2.889	95	83.6	23.7	93	1.62	2.36	95	1.99	1.10	96	3.09	0.66
(C-2, 26.1)			t_U = 1.08		t = 1.08			t = 1.55			t = 2.49*			t = .15		
	V	H	8	3.219	183	88.8	20.4	187	1.26	2.40	189	2.82	1.09	191	3.23	0.70
Potential		L	8	2.737	169	81.4	25.4	170	1.97	2.69	167	2.10	1.08	170	2.91	0.76
Employers			t_U = .51		t = 3.03**			t = 2.62**			t = 6.29**			t = 4.09**		
	C	H	6	3.302	88	87.6	19.2	88	1.14	1.48	89	2.18	1.19	90	3.11	0.70
		L	7	2.717	165	83.5	24.4	163	1.55	2.24	163	2.20	1.08	163	3.09	0.75
(C-2, 26.1)			t_U = .84		t = 1.38			t = 1.54			t = .17			t = .11		
	V	H	7	3.269	164	87.4	20.9	160	1.41	2.13	165	2.60	1.14	168	3.11	0.72
Labor		L	7	2.714	162	82.9	25.0	169	1.68	2.91	164	2.33	1.15	166	3.03	0.80
Organizations			t_U = .12		t = 1.79			t = .95			t = 2.15*			t = .96		
	C	H	6	3.367	142	85.5	23.5	142	1.26	1.83	141	2.33	1.09	141	3.10	0.77
		L	5	2.733	85	83.7	23.6	83	1.68	2.44	82	1.93	1.12	83	3.00	0.67
(C-4, 35.1)			t_U = 1.03		t = .56			t = 1.43			t = 2.60**			t = .97		
	V	H	8	3.375	181	88.9	19.4	184	1.30	2.26	187	2.84	1.10	189	3.23	0.70
Employment Security		L	8	2.250	171	81.4	26.1	173	1.91	2.82	169	2.09	1.07	172	2.92	0.77
Office			t_U = .58		t = 3.09**			t = 2.29*			t = 6.48**			t = 4.01**		
	C	H	4	4.000	71	81.0	25.1	71	1.86	2.61	70	2.09	1.05	71	3.08	0.68
		L	5	2.600	124	86.6	22.8	124	1.18	1.81	122	2.37	1.10	122	3.10	0.75
(C-3, 25.1)			t_U = .97		t = 1.60			t = -2.14*			t = 1.73			t = .22		
COMPETENCE OF VOCATIONAL INSTRUCTORS	V	H	8	3.538	191	83.7	25.0	191	1.69	2.71	190	2.39	1.16	193	3.07	0.75
Employers of 1962		L	8	3.104	161	87.0	20.7	166	1.48	2.39	166	2.59	1.12	168	3.09	0.75
Graduates			t_U = .50		t = 1.34			t = .79			t = 1.65			t = .23		
	C	H	6	3.448	105	86.2	20.6	103	1.42	2.08	104	1.90	1.10	104	2.97	0.67
		L	7	2.710	148	84.0	24.2	148	1.39	1.97	148	2.40	1.09	149	3.19	0.76
(C-2, 26.2)			t_U = .47		t = .75			t = .12			t = -3.53**			t = -2.36*		
Potential	V	H	8	3.285	182	88.9	19.1	185	1.23	2.21	188	2.80	1.10	190	3.22	0.68
Employers		L	8	2.917	170	81.3	26.4	172	1.98	2.85	168	2.13	1.09	171	2.93	0.79
			t_U = .59		t = 3.12**			t = 2.80**			t = 5.67**			t = 3.74**		
	C	H	6	3.400	88	87.6	19.2	88	1.14	1.48	89	2.18	1.19	90	3.11	0.70
		L	7	2.913	165	83.4	24.4	163	1.55	2.24	163	2.20	1.08	163	3.09	0.75
(C-2, 26.2)			t_U = 1.26		t = 1.38			t = 1.54			t = .17			t = .11		
	V	H	7	3.355	171	86.1	22.9	171	1.36	2.47	172	2.57	1.10	175	3.16	0.69
Labor		L	7	2.971	155	84.1	23.5	158	1.75	2.65	157	2.35	1.19	159	2.98	0.82
Organizations			t_U = .56		t = .76			t = 1.39			t = 1.76			t = 2.23*		
	C	H	5	3.567	79	86.4	20.4	77	1.07	1.31	82	2.16	1.08	82	3.00	0.73
		L	6	2.583	148	84.0	25.0	148	1.60	2.37	141	2.20	1.14	142	3.10	0.74
(C-4, 35.2)			t_U = .20		t = .71			t = 1.80			t = .24			t = .96		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
ADEQUACY OF STUDENT COUNSELING	V	H	8	3.465	185	85.8	22.8	182	1.60	2.45	185	2.42	1.15	187	3.04	0.76
		L	7	2.537	155	84.8	23.1	161	1.51	2.49	158	2.59	1.12	161	3.15	0.71
Employers of 1962			t_U = .21		t = .41			t = .33			t = 1.35			t = 1.39		
Graduates	C	H	5	3.150	96	88.1	20.5	100	1.16	1.45	96	2.33	1.18	96	3.25	0.75
		L	5	2.533	122	82.4	24.8	117	1.71	2.51	117	2.06	1.04	118	2.97	0.73
(C-2, 26.3)			t_U = 4.12**		t = 1.80			t = 1.93			t = 1.78			t = 2.73**		
	V	H	8	3.232	197	87.2	21.3	198	1.38	2.44	200	2.75	1.11	202	3.14	0.75
Potential		L	8	2.631	155	82.7	25.2	159	1.86	2.69	156	2.14	1.10	159	3.00	0.74
Employers			t_U = .35		t = 1.84			t = 1.75			t = 5.14**			t = 1.79		
	C	H	7	3.180	139	85.4	21.2	139	1.38	1.90	139	2.21	1.12	138	3.10	0.73
		L	4	1.907	83	85.1	25.2	80	1.39	2.31	79	2.22	1.14	81	3.08	0.71
(C-2, 26.3)			t_U = .30		t = .10			t = .03			t = .07			t = .17		
	V	H	5	3.350	114	86.2	23.8	113	1.41	2.43	114	2.43	1.11	117	3.13	0.69
Labor		L	4	2.917	59	83.9	23.1	62	1.92	2.92	60	2.26	1.14	60	2.93	0.74
Organizations			t_U = .53		t = .60			t = 1.21			t = .95			t = 1.74		
	C	H	4	3.125	72	85.2	23.2	75	1.23	1.58	72	2.54	1.17	72	3.16	0.76
		L	4	2.417	106	85.8	23.8	103	1.27	2.11	103	2.11	1.02	104	3.00	0.69
(C-4, 35.3)			t_U = .87		t = .16			t = .12			t = 2.59*			t = 1.43		
	V	H	5	3.400	116	80.6	27.2	117	1.86	3.11	116	2.40	1.10	118	3.01	0.78
Employment Security		L	5	2.200	102	84.1	23.3	103	1.90	2.60	104	2.22	1.15	106	2.96	0.73
Office			t_U = 1.30		t = 1.00			t = .10			t = 1.16			t = .44		
	C	H	6	3.667	99	88.0	18.9	100	1.14	1.49	102	1.92	1.12	102	3.00	0.64
		L	5	2.200	127	83.4	24.7	124	1.58	2.32	123	2.32	1.08	123	3.11	0.79
(C-3, 25.3)			t_U = .43		t = 1.53			t = 1.64			t = -2.67**			t = 1.20		
EFFORTS TO PREVENT DROP-OUTS	V	H	7	3.136	165	85.9	23.0	159	1.43	2.25	162	2.40	1.15	165	3.06	0.75
		L	6	2.694	148	84.3	22.7	154	1.66	2.67	152	2.64	1.15	153	3.10	0.75
Employers of 1962			t_U = 1.49		t = .59			t = .82			t = 1.87			t = .43		
Graduates	C	H	4	3.503	70	84.2	22.0	69	1.61	2.38	68	2.32	1.04	69	3.17	0.75
		L	4	2.386	94	85.2	24.5	90	1.39	2.23	91	1.97	1.09	92	3.01	0.67
(C-2, 26.4)			t_U = 1.84		t = .26			t = .60			t = 2.01*			t = 1.36		
	V	H	8	3.372	184	90.0	17.9	186	1.13	2.02	189	2.81	1.06	191	3.25	0.66
Potential		L	8	2.789	168	80.0	26.9	171	2.10	2.97	167	2.11	1.12	170	2.89	0.80
Employers			t_U = .45		t = 4.19**			t = 3.60**			t = 6.08**			t = 4.68**		
	C	H	7	3.345	110	86.5	20.5	113	1.23	1.47	113	2.33	1.23	113	3.20	0.72
		L	6	2.417	143	83.7	24.3	138	1.54	2.36	139	2.09	1.01	140	3.01	0.73
(C-2, 26.4)			t_U = 3.06*		t = .95			t = 1.21			t = 1.67			t = 2.04*		
Employment Security	V	H	6	3.500	121	86.4	23.3	120	1.51	2.64	121	2.72	1.08	122	3.11	0.74
Office		L	5	2.600	127	85.4	23.2	130	1.55	2.56	131	2.49	1.14	134	3.12	0.73
			t_U = 3.01*		t = .34			t = .12			t = 1.62			t = .13		
	C	H	7	4.000	142	86.1	20.4	143	1.35	1.87	143	2.19	1.11	142	3.11	0.73
		L	5	2.400	66	82.9	25.0	65	1.43	1.83	68	2.14	1.18	69	3.14	0.73
(C-3, 25.4)			t_U = .45		t = 1.00			t = .26			t = .30			t = .24		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
QUALITY OF COURSE OFFERINGS Employers of 1962 Graduates (C-2, 26.5)	V	H	8	3.448	145	85.4	24.7	149	1.63	2.72	148	2.43	1.14	151	3.11	0.70
		L	8	2.883	207	85.1	22.1	208	1.57	2.45	208	2.52	1.15	210	3.06	0.78
			t_U = .34		t = .14			t = .23			t = .78			t = .70		
	C	H	7	3.206	136	85.8	21.4	137	1.42	1.92	136	2.12	1.16	135	3.14	0.73
		L	6	2.778	117	83.9	24.3	114	1.39	2.13	116	2.28	1.07	118	3.05	0.73
			t_U = .72		t = .66			t = .12			t = 1.11			t = .96		
Potential Employers (C-2, 26.5)	V	H	8	3.171	189	87.8	21.1	193	1.28	2.27	193	2.83	1.06	195	3.23	0.66
		L	8	2.852	163	82.3	25.2	164	1.96	2.33	163	2.07	1.10	166	2.90	0.80
			t_U = .43		t = 2.21*			t = 2.53*			t = 6.57**			t = 4.21**		
	C	H	6	3.306	93	84.2	21.3	93	1.54	2.17	94	2.30	1.09	95	3.16	0.72
		L	7	2.769	160	85.4	23.6	158	1.33	1.91	158	2.13	1.13	158	3.06	0.74
			t_U = 1.69		t = .40			t = .78			t = 1.16			t = .96		
Labor Organizations (C-2, 35.5)	V	H	7	3.283	165	82.5	25.9	162	1.83	2.93	162	2.19	1.13	165	2.96	0.81
		L	6	2.812	127	88.0	19.6	133	1.20	2.07	132	2.68	1.09	134	3.20	0.66
			t_U = .55		t = -1.97*			t = -2.10*			t = -3.73**			t = -2.72**		
	C	H	5	3.267	93	86.6	22.6	96	1.10	1.47	94	2.47	1.11	94	3.18	0.75
		L	5	2.533	122	82.4	24.8	117	1.71	2.51	117	2.06	1.04	118	2.97	0.73
			t_U = 3.60**		t = 1.25			t = 2.09*			t = 2.72**			t = 2.09*		
Employment Security Office (C-3, 25.5)	V	H	7	3.571	170	88.8	19.8	173	1.12	2.15	174	2.83	1.04	176	3.27	0.64
		L	7	2.857	156	81.1	26.3	155	2.13	2.95	154	2.17	1.16	156	2.88	0.82
			t_U = .34		t = 2.98**			t = 3.58**			t = 5.42**			t = 4.91**		
	C	H	4	4.000	77	88.0	18.9	78	1.70	1.53	79	1.98	1.04	79	2.97	0.64
		L	6	2.833	133	83.3	25.1	131	1.55	2.35	128	2.42	1.10	129	3.13	0.76
			t_U = .11		t = 1.42			t = 1.52			t = -2.84**			t = 1.53		
RELATIONSHIP WITH COMMUNITY Employers of 1962 Graduates (C-2, 26.6)	V	H	8	3.532	190	85.8	22.5	185	1.50	2.43	190	2.42	1.17	193	3.07	0.76
		L	8	2.994	162	84.6	24.1	172	1.69	2.70	166	2.55	1.12	168	3.10	0.74
			t_U = .66		t = .46			t = .68			t = 1.10			t = .40		
	C	H	7	3.474	127	83.0	25.4	125	1.57	2.23	124	2.10	1.11	126	3.10	0.73
		L	6	2.483	102	85.3	20.8	101	1.37	1.90	104	2.32	1.15	103	3.11	0.73
			t_U = 1.25		t = .74			t = .72			t = 1.43			t = .12		
Potential Employers (C-2, 26.6)	V	H	8	3.357	195	87.2	22.2	195	1.33	2.43	199	2.73	1.11	202	3.20	0.70
		L	8	2.882	157	82.8	24.2	162	1.91	2.69	157	2.16	1.11	159	2.93	0.78
			t_U = .92		t = 1.81			t = 2.15*			t = 4.81**			t = 3.38**		
	C	H	7	3.139	127	85.5	22.0	130	1.24	1.52	129	2.38	1.12	129	3.16	0.78
		L	6	2.805	126	84.4	23.6	121	1.58	2.42	12[illegible]	2.00	1.08	124	3.03	0.68
			t_U = 1.70		t = .38			t = 1.34			t = 2.72**			t = 1.41		
Labor Organizations (C-4, 35.6)	V	H	6	3.625	166	85.3	24.2	166	1.40	2.70	168	2.65	1.13	171	3.17	0.74
		L	7	3.057	126	86.1	21.3	131	1.74	2.52	129	2.42	1.15	130	3.01	0.74
			t_U = .57		t = .30			t = 1.11			t = 1.76			t = 1.88		
	C	H	5	3.380	130	85.4	23.6	132	1.32	1.88	128	2.34	1.10	128	3.10	0.79
		L	6	2.833	97	84.0	23.4	93	1.55	2.33	95	1.97	1.11	96	3.02	0.67
			t_U = 1.21		t = .45			t = .83			t = 2.41*			t = .79		
Employment Security Office (C-3, 25.6)	V	H	7	4.000	171	88.0	20.8	171	1.15	2.09	173	2.65	1.12	176	3.21	0.71
		L	9	3.000	181	82.6	25.0	186	2.00	2.88	183	2.32	1.15	185	2.96	0.76
			t_U = .85		t = 2.1[illegible]*			t = 3.15**			t = 2.76**			t = 3.20**		
	C	H	6	4.000	135	86.2	21.4	133	1.27	1.94	134	2.13	1.07	135	3.03	0.69
		L	6	3.000	106	83.1	24.4	108	1.65	2.15	105	2.27	1.19	105	3.18	0.79
			t_U = .36		t = 1.06			t = 1.41			t = .90			t = 1.49		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
REPUTATION IN COMMUNITY	V	H	8	3.538	177	87.1	21.9	174	1.52	2.42	178	2.62	1.13	180	3.11	0.71
		L	8	2.974	175	83.4	24.3	183	1.67	2.69	178	2.35	1.15	181	3.05	0.78
Employers of 1962			t_U = .27		t = 1.48			t = .54			t = 2.21*			t = .83		
Graduates	C	H	7	3.458	146	85.8	22.8	146	1.36	2.05	144	2.12	1.10	146	3.10	0.70
		L	6	2.680	107	83.7	22.7	105	1.47	1.97	108	2.29	1.13	107	3.10	0.78
(C-2, 26.7)			t_U = .39		t = .72			t = .45			t = 1.19			t = .08		
	V	H	8	3.394	191	87.0	22.0	193	1.39	2.53	195	2.79	1.09	197	3.17	0.74
Potential		L	8	2.834	161	83.1	24.4	164	1.83	2.59	161	2.11	1.10	164	2.97	0.75
Employers			t_U = .23		t = 1.59			t = 1.61			t = 5.84**			t = 2.54*		
	C	H	7	3.345	107	85.9	20.3	105	1.43	2.05	106	2.15	1.16	107	3.09	0.72
		L	6	2.846	146	84.2	24.5	146	1.39	1.99	146	2.23	1.08	146	3.11	0.75
(C-2, 26.7)			t_U = 1.63		t = .59			t = .14			t = .49			t = .18		
	V	H	7	3.536	184	85.6	23.3	184	1.47	2.66	186	2.58	1.13	189	3.14	0.74
Labor		L	6	2.943	108	85.7	22.4	113	1.67	2.57	111	2.50	1.16	112	3.03	0.74
Organizations			t_U = .36		t = .03			t = .64			t = .61			t = 1.18		
	C	H	6	3.350	141	86.2	23.1	143	1.24	1.89	137	2.40	1.12	138	3.08	0.76
		L	5	2.750	86	82.6	24.1	82	1.73	2.35	86	1.83	1.03	86	3.04	0.71
(C-4, 35.7)			t_U = 2.20*		t = 1.14			t = 1.69			t = 3.79**			t = .37		
Employment Security	V	H	8	4.000	189	86.7	22.1	191	1.28	2.20	190	2.62	1.11	193	3.19	0.70
Office		L	8	2.875	163	83.6	24.3	166	1.96	2.88	166	2.33	1.17	168	2.96	0.78
			t_U = 1.49		t = 1.24			t = 2.51*			t = 2.42*			t = 2.98**		
	C	H	6	4.000	135	86.2	21.5	133	1.27	1.94	134	2.13	1.07	135	3.03	0.69
		L	6	2.667	106	83.1	24.4	108	1.65	2.15	105	2.27	1.19	105	3.18	0.79
(C-3, 25.7)			t_U = .36		t = 1.06			t = 1.41			t = .90			t = 1.49		
SKILL LEVEL OF VOCATIONAL GRADUATES	V	H	8	3.129	196	86.2	21.0	196	1.48	2.74	197	2.52	1.13	200	3.13	0.73
		L	8	2.634	156	84.1	25.6	161	1.73	2.90	159	2.44	1.16	161	3.03	0.76
Employers of 1962			t_U = .19		t = .84			t = .92			t = .66			t = 1.25		
Graduates	C	H	6	3.073	124	83.2	23.9	119	1.69	2.44	120	2.04	1.13	121	3.06	0.70
		L	6	2.674	114	86.0	22.6	118	1.19	1.55	117	2.37	1.08	117	3.18	0.77
(C-2, 26.8)			t_U = 1.86		t = .92			t = 1.88			t = -2.26*			t = 1.25		
	V	H	8	3.048	189	89.2	19.0	191	1.25	2.18	194	2.79	1.08	196	3.22	0.69
Potential		L	8	2.543	163	80.7	26.6	166	1.99	2.89	162	2.11	1.11	165	2.92	0.79
Employers			t_U = .43		t = 3.46**			t = 2.74*			t = 5.87**			t = 3.80**		
	C	H	7	2.972	126	87.2	19.1	126	1.31	1.76	126	2.21	1.19	125	3.13	0.75
		L	6	2.432	127	82.6	25.8	125	1.50	2.24	126	2.18	1.05	128	3.07	0.72
(C-2, 26.8)			t_U = 3.06*		t = 1.62			t = .76			t = .19			t = .67		
Labor	V	H	7	3.324	201	85.9	21.8	198	1.44	2.25	202	2.50	1.17	206	3.13	0.75
Organizations		L	6	2.600	105	86.9	22.6	111	1.41	2.60	108	2.50	1.11	109	3.09	0.71
			t_U = .07		t = .37			t = .09			t = .02			t = .44		
	C	H	7	3.000	137	84.4	23.7	138	1.41	2.06	136	2.26	1.10	136	3.12	0.73
(C-4, 35.8)		L	4	2.479	90	85.5	23.3	87	1.42	2.12	87	2.05	1.13	88	2.99	0.74
			t_U = 1.13		t = .34			t = .02			t = 1.40			t = 1.30		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
RELATIONSHIP WITH LOCAL EMPLOYERS	V	H	8	3.239	203	89.9	18.8	206	1.01	1.85	209	2.92	1.05	212	3.27	0.67
		L	7	2.821	137	78.3	27.1	138	2.37	3.12	134	1.83	.99	136	2.78	0.79
Employers of 1962			t_U = .70		t = 4.64**			t = 5.06**			t = 9.59**			t = 6.10**		
Graduates	C	H	7	3.346	146	86.9	21.4	141	1.21	1.88	144	2.06	1.10	145	3.03	0.69
		L	6	2.384	107	82.2	24.3	110	1.65	2.15	108	2.38	1.12	108	3.19	0.79
(C-2, 26.9)			t_U = .80		t = 1.59			t = 1.70			t = -2.30*			t = 1.63		
Potential	V	H	8	3.150	201	87.4	21.5	200	1.32	2.33	204	2.69	1.13	207	3.17	0.71
Employers		L	8	2.684	151	82.3	25.0	157	1.94	2.79	152	2.20	1.11	154	2.96	0.78
			t_U = .00		t = 2.06*			t = 2.29*			t = 4.13**			t = 2.62**		
	C	H	6	3.215	129	85.9	22.5	127	1.34	1.99	127	2.06	1.12	128	3.06	0.70
		L	7	2.692	124	83.9	23.0	124	1.47	2.03	125	2.33	1.11	125	3.14	0.77
(C-2, 26.9)			t_U = .17		t = .69			t = .51			t = 1.91			t = .85		
Labor	V	H	6	3.333	169	87.4	21.9	167	1.20	2.38	172	2.74	1.12	175	3.20	0.72
Organizations		L	6	2.917	103	86.0	21.3	110	1.73	2.48	106	2.35	1.13	107	3.05	0.70
			t_U = .07		t = .51			t = 1.80			t = 2.89**			t = 1.77		
	C	H	5	3.200	104	87.6	21.3	108	1.18	1.49	105	2.10	1.18	104	3.11	0.72
		L	4	2.188	91	84.2	23.4	84	[illegible].57	2.58	86	2.21	1.06	87	2.97	0.72
(C-4, 35.9)			t_U = 1.25		t = 1.06			t = 1.[illegible]1			t = .68			t = 1.35		
Employment Security	V	H	6	4.000	153	85.4	23.5	149	1.52	2.54	153	2.42	1.16	155	3.05	0.78
Office		L	7	3.000	133	82.9	25.7	143	1.86	2.90	136	2.44	1.11	138	3.05	0.76
			t_U = .65		t = .88			t = 1.05			t = .13			t = .03		
	C	H	6	4.000	135	86.2	21.5	133	1.27	1.94	134	2.13	1.07	135	3.03	0.69
		L	6	2.833	104	84.1	23.0	103	1.53	1.99	105	2.19	1.18	104	3.16	0.78
(C-3, 25.9)			t_U = .10		t = .72			t = .98			t = .36			t = 1.27		
RELATIONSHIP WITH LOCAL LABOR GROUPS	V	H	6	3.250	146	87.6	21.4	146	1.38	2.43	148	2.86	1.09	148	3.11	0.77
		L	6	2.722	135	83.2	24.1	137	1.79	2.82	137	2.06	1.12	140	2.99	0.80
Employers of 1962			t_U = .84		t = 1.63			t = 1.30			t = 6.04**			t = 1.23		
Graduates	C	H	2	3.666	57	86.6	24.0	55	1.45	2.38	53	2.04	1.17	54	3.01	0.72
		L	5	3.000	80	80.4	25.8	77	1.76	2.53	79	2.14	1.08	80	3.06	0.68
(C-21, 26.10)			t_U = .09		t = 1.42			t = .72			t = .50			t = .40		
Potential	V	H	8	3.244	195	87.0	21.7	197	1.44	2.66	199	2.68	1.13	201	3.13	0.78
Graduates		L	7	2.758	142	82.4	24.8	143	1.88	2.51	141	2.21	1.14	143	3.00	0.72
			t_U = 1.20		t = 1.81			t = 1.54			t = 3.72**			t = 1.51		
	C	H	4	3.125	87	82.0	24.1	82	1.81	2.63	83	2.29	1.10	84	3.09	0.75
		L	3	1.889	59	85.1	24.8	61	1.19	1.63	59	2.62	1.08	59	3.28	0.76
(C-2, 26.10)			t_U = 1.62		t = .74			t = 1.62			t = 1.74			t = 1.50		
Labor	V	H	7	3.345	208	88.3	19.3	208	1.18	2.01	211	2.67	1.15	214	3.20	0.73
Organizations		L	7	2.736	118	79.7	27.9	121	2.18	3.21	118	2.10	1.07	120	2.86	0.77
			t_U = .48		t = 3.27**			t = 3.45**			t = 4.38**			t = 3.98**		
	C	H	5	3.060	118	83.9	24.8	117	1.38	1.96	117	2.37	1.11	117	3.12	0.78
		L	6	1.889	109	85.8	22.0	108	1.46	2.21	106	1.98	1.09	107	3.00	0.68
(C-4, 25.10)			t_U = .00		t = .59			t = .29			t = 2.65**			t = 1.20		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
QUALITY OF VOCATIONAL STUDENTS	V	H	8	3.164	174	86.0	23.1	178	1.50	2.49	176	2.49	1.13	178	3.08	0.76
		L	8	2.539	178	84.5	23.3	179	1.69	2.64	180	2.48	1.16	183	3.08	0.74
Employers of 1962			t_U = .14		t = .62			t = .71			t = .07			t = .08		
Graduates	C	H	6	3.062	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
(C-2, 26.11)		L	6	2.585	135	84.1	24.9	136	1.39	2.02	134	2.39	1.08	135	3.15	0.77
			t_U = .28		t = .36			t = .48			t = -3.06**			t = .77		
Potential	V	H	8	3.074	188	89.1	18.3	190	1.22	2.11	193	2.75	1.12	195	3.19	0.70
Employers		L	8	2.530	164	80.8	27.1	167	2.02	2.94	163	2.16	1.09	166	2.96	0.78
			t_U = .43		t = 3.37**			t = 2.94**			t = 4.97**			t = 2.97**		
	C	H	6	3.079	99	88.0	18.9	100	1.14	1.49	102	1.92	1.12	102	3.00	0.64
(C-2, 26.11)		L	7	2.468	154	82.9	24.8	151	1.58	2.28	150	2.38	1.08	151	3.17	0.78
			t_U = .90		t = 1.75			t = 1.72			t = -3.24**			t = 1.85		
Labor	V	H	6	3.430	162	86.1	22.4	157	1.39	2.23	160	2.40	1.16	163	3.10	0.74
Organizations		L	6	2.744	110	86.2	22.4	118	1.44	2.60	115	2.50	1.12	117	3.14	0.72
			t_U = 1.30		t = .02			t = .16			t = .72			t = .45		
	C	H	6	3.333	112	85.1	22.9	113	1.37	2.02	111	2.40	1.10	111	3.15	0.76
(C-4, 35.11)		L	5	2.350	115	84.6	24.1	112	1.46	2.15	112	1.97	1.09	113	2.98	0.71
			t_U = 2.54*		t = .16			t = .31			t = 2.94**			t = 1.79		
VARIETY OF COURSE OFFERINGS.	V	H	8	3.196	143	80.2	26.7	145	2.25	3.03	141	2.17	1.12	143	2.91	0.75
		L	8	2.646	209	88.7	19.8	212	1.15	2.08	215	2.69	1.11	218	3.20	0.73
Employers of 1962			t_U = .99		t = - 3.39**			t = -4.06**			t = -4.29**			t = -3.63**		
Graduates	C	H	6	3.204	102	85.2	21.8	102	1.34	1.64	105	1.96	1.10	105	3.10	0.71
		L	5	2.627	123	83.6	25.2	121	1.56	2.41	117	2.43	1.08	118	3.14	0.77
(C-2, 26.12)			t_U = .34		t = .50			t = .75			t = -3.16**			t = .41		
Potential	V	H	8	3.144	169	87.4	21.1	171	1.53	2.52	171	2.63	1.12	172	3.13	0.72
Employers		L	8	2.790	183	83.3	24.8	186	1.65	2.61	185	2.34	1.16	189	3.04	0.78
			t_U = .06		t = 1.66			t = .44			t = 2.42*			t = 1.12		
	C	H	7	3.061	132	88.0	19.8	136	1.14	1.41	135	2.10	1.17	134	3.08	0.70
		L	6	2.815	121	81.6	25.3	115	1.72	2.51	117	2.30	1.05	119	3.12	0.77
(C-2, 26.12)			t_U = .52		t = 2.22*			t = 2.30*			t = 1.43			t = .49		
	V	H	6	3.418	115	83.5	23.4	112	1.84	2.54	113	2.33	1.11	115	2.98	0.69
Labor		L	5	2.650	128	86.7	23.1	134	1.37	2.87	133	2.73	1.12	134	3.18	0.78
Organizations			t_U = 1.57		t = 1.05			t = 1.33			t = -3.52**			t = -2.05*		
	C	H	4	3.375	86	86.1	21.3	88	1.41	1.99	85	2.35	1.13	84	3.14	0.78
		L	4	2.700	86	84.6	24.8	82	1.32	2.27	82	2.35	1.07	84	3.02	0.71
(C-4, 35.12)			t_U = 1.53		t = .43			t = .27			t = .05			t = 1.02		
	V	H	7	3.428	161	87.1	20.4	168	1.53	2.31	166	2.73	1.10	167	3.19	0.67
Employment Security		L	7	2.286	131	83.3	26.3	133	1.79	3.12	133	2.29	1.13	135	2.95	0.80
Office			t_U = .33		t = 1.37			t = .82			t = 3.37**			t = 2.80**		
	C	H	6	3.333	86	83.6	21.2	82	1.53	2.23	87	2.29	1.10	88	3.14	0.70
		L	6	2.500	155	84.8	24.2	157	1.36	1.95	153	2.23	1.09	153	3.08	0.76
(C-3, 25.12)			t_U = .00		t = .36			t = .59			t = .45			t = .61		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
RELATIONS WITH YOUR OFFICE Employers of 1962 Graduates	V	H	7	3.580	122	82.4	25.5	121	1.94	2.91	123	2.32	1.15	125	2.91	0.79
		L	8	2.954	184	87.8	21.0	191	1.31	2.33	188	2.74	1.11	190	3.23	0.67
			t_U = .32		t = -2.03*			t = -2.11*			t = -3.16**			t = -3.86**		
	C	H	6	3.746	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	2.368	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	3.11	0.76
(C-2, 26.13)			t_U = .14		t = .16			t = .73			t = -2.88**			t = .35		
Potential Employers	V	H	8	3.251	195	87.3	21.7	196	1.25	2.34	200	2.64	1.13	204	3.17	0.71
		L	8	2.815	157	82.6	24.7	161	2.02	2.76	156	2.27	1.13	157	2.96	0.78
			t_U = .75		t = 1.88			t = 2.84**			t = 3.09**			t = 2.73**		
	C	H	6	3.474	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	2.497	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	3.11	0.76
(C-2, 26.13)			t_U = .94		t = .16			t = .73			t = -2.88**			t = .35		
Labor Organizations	V	H	6	3.556	130	85.8	22.5	131	1.60	2.81	132	2.54	1.13	134	3.08	0.80
		L	7	2.800	162	84.2	24.3	164	1.51	2.40	162	2.31	1.14	165	3.06	0.73
			t_U = .67		t = .57			t = .30			t = 1.72			t = .26		
	C	H	6	3.250	112	82.5	25.6	114	1.41	1.83	114	2.29	1.12	114	3.16	0.75
		L	5	1.987	115	87.1	21.1	111	1.43	2.32	109	2.07	1.11	110	2.97	0.72
(C-4, 35.13)			t_U = .20		t = 1.45			t = .06			t = 1.52			t = 1.86		
Employment Security Office	V	H	7	4.000	171	88.0	20.8	171	1.15	2.09	173	2.65	1.12	176	3.21	0.71
		L	8	2.875	152	80.7	26.4	157	2.21	3.06	153	2.17	1.12	155	2.89	0.77
			t_U = 1.00		t = 2.77**			t = 3.67**			t = 3.86**			t = 3.90**		
	C	H	5	4.000	106	86.9	21.7	102	1.13	1.88	104	2.24	1.09	105	2.98	0.70
		L	8	2.875	147	83.5	23.5	149	1.59	2.08	148	2.16	1.14	148	3.18	0.75
(C-3, 25.13)			t_U = .17		t = 1.15			t = 1.77			t = .53			t = -2.17*		
EFFORTS TO PLACE GRADUATES Employers of 1962 Graduates	V	H	8	3.389	160	86.5	24.0	163	1.56	2.69	164	2.59	1.13	166	3.10	0.74
		L	8	2.454	192	84.2	22.5	194	1.63	2.45	192	2.39	1.15	195	3.06	0.76
			t_U = .90		t = .92			t = .26			t = 1.66			t = .47		
	C	H	6	3.424	102	85.2	21.8	102	1.34	1.64	105	1.96	1.10	105	3.10	0.71
		L	6	2.298	139	84.6	23.6	139	1.51	2.29	134	2.37	1.11	135	3.10	0.76
(C-2, 26.14)			t_U = .48		t = .23			t = .63			t = -2.86**			t = .03		
Potential Employers	V	H	8	3.071	189	89.2	19.0	191	1.25	2.18	194	2.79	1.08	196	3.22	0.69
		L	8	2.270	163	80.7	26.6	166	1.99	2.89	162	2.11	1.11	165	2.92	0.79
			t_U = .63		t = 3.46**			t = 2.74**			t = 5.87**			t = 3.80**		
	C	H	7	3.261	110	84.0	22.5	109	1.58	2.13	110	2.15	1.13	111	3.14	0.76
		L	6	1.944	143	85.7	23.0	142	1.27	1.91	142	2.23	1.11	142	3.07	0.71
(C-2, 26.14)			t_U = 2.40*		t = .59			t = 1.23			t = .61			t = .75		
Labor Organizations	V	H	6	3.300	131	88.5	21.0	138	1.15	2.42	137	2.65	1.13	140	3.25	0.69
		L	6	2.667	127	82.2	25.3	125	1.98	2.86	125	2.33	1.11	126	2.93	0.76
			t_U = -2.26*		t = 2.18*			t = 2.56*			t = 2.28*			t = 3.62**		
	C	H	4	3.375	86	86.1	21.3	88	1.41	1.99	85	2.35	1.13	84	3.14	0.78
		L	4	1.367	99	83.5	25.7	97	1.47	2.35	94	2.19	1.08	96	2.98	0.69
(C-4, 35.14)			t_U = 1.78		t = .73			t = .20			t = .96			t = 1.37		
Employment Security Office	V	H	6	3.833	157	89.5	19.0	158	1.11	2.20	162	2.87	1.06	164	3.26	0.68
		L	7	2.857	141	78.9	27.9	143	2.21	3.04	138	1.93	1.00	141	2.85	0.80
(C-3, 25.14)			t_U = .76		t = 3.83**			t = 3.63**			t = 7.83**			t = 4.90**		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 83. Community Organization Opinions of the School (cont.)

DESCRIPTION OF VARIABLE & DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
WORK HABITS AND ATTITUDES OF GRADUATES	V	H	8	3.247	143	83.4	25.4	149	1.94	2.87	145	2.54	1.12	146	3.00	0.77
		L	8	2.866	209	86.5	21.5	208	1.35	2.29	211	2.44	1.16	215	3.13	0.73
Employers of 1962			t_U = .14		t = 1.19			t = -2.17*			t = .79			t = 1.65		
Graduates	C	H	7	3.047	167	87.1	21.6	167	1.24	1.80	164	2.16	1.14	164	3.09	0.73
		L	6	2.579	86	80.7	24.5	84	1.74	2.35	88	2.26	1.08	89	3.12	0.74
(C-2, 26.15)			t_U = .27		t = 2.11*			t = 1.85			t = .68			t = .38		
Potential	V	H	8	3.100	182	88.9	19.1	185	1.23	2.21	188	2.80	1.10	190	3.22	0.68
Employers		L	8	2.721	170	81.3	26.4	172	1.98	2.85	168	2.13	1.09	171	2.93	0.79
			t_U = .62		t = 3.12**			t = 2.80**			t = 5.67**			t = 3.74**		
	C	H	7	3.021	130	87.2	20.2	134	1.21	1.44	134	2.14	1.17	133	3.16	0.71
		L	6	2.509	123	82.5	25.0	117	1.63	2.49	118	2.26	1.06	120	3.03	0.76
(C-2, 26.15)			t_U = 1.17		t = 1.63			t = 1.69			t = .82			t = 1.46		
Labor	V	H	5	3.543	131	84.7	22.8	125	1.58	2.20	128	2.26	1.15	131	3.05	0.76
Organizations		L	8	2.975	175	87.4	21.4	184	1.32	2.50	182	2.67	1.12	184	3.17	0.72
			t_U = 1.82		t = 1.05			t = .92			t = -3.13**			t = 1.42		
	C	H	5	3.200	91	89.1	19.3	93	1.00	1.10	93	2.23	1.20	92	3.16	0.73
		L	6	2.667	136	82.0	25.6	132	1.71	2.52	130	2.14	1.05	132	3.00	0.74
(C-4, 35.15)			t_U = 2.52*		t = 2.26*			t = 2.59*			t = .58			t = 1.53		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 84. Community Organization Opinions of the School:

Total Number of Opinions

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	32.426	189	85.7	23.0	186	1.53	2.46	188	2.58	1.15	190	3.07	0.78
		L	8	28.739	163	84.7	23.5	171	1.66	2.68	168	2.37	1.14	171	3.10	0.71
			t_U = 1.31		t = .38			t = .47			t = 1.72			t = .37		
	C	H	6	32.322	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	26.647	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	3.11	0.76
(C-2 26.1 - 26.15)			t_U = .14		t = .16			t = .73			t = -2.88**			t = .35		
Potential Employers	V	H	8	31.636	191	87.0	22.0	193	1.39	2.53	195	2.79	1.09	197	3.17	0.74
		L	8	27.073	161	83.1	24.4	164	1.83	2.59	161	2.11	1.10	164	2.97	0.75
			t_U = .37		t = 1.59			t = 1.61			t = 5.84**			t = 2.54*		
	C	H	6	30.994	103	85.2	21.1	101	1.52	2.11	103	1.95	1.11	103	3.08	0.69
		L	7	26.824	150	84.7	23.9	150	1.33	1.94	149	2.36	1.10	150	3.11	0.76
(C-2 26.1 - 26.15)			t_U = .14		t = .16			t = .73			t = -2.88**			t = .35		
Labor Organizations	V	H	7	32.450	192	89.0	18.6	190	1.06	1.88	194	2.65	1.13	197	3.20	0.73
		L	7	28.274	134	79.6	27.5	139	2.22	3.15	135	2.21	1.14	137	2.90	0.78
			t_U = .80		t = 3.66**			t = 4.12**			t = 3.46**			t = 3.61**		
	C	H	6	31.028	138	85.8	23.9	139	1.24	1.92	135	2.42	1.09	136	3.12	0.75
		L	5	25.117	89	83.4	23.0	86	1.70	2.30	88	1.81	1.05	88	2.98	0.71
(C-4 35.1 - 35.15)			t_U = 2.36*		t = .74			t = 1.63			t = 4.11**			t = 1.43		
Community Organizations	V	H	8	32.066	170	86.7	22.2	168	1.51	2.46	172	2.61	1.15	174	3.11	0.71
		L	8	27.956	182	83.9	24.1	189	1.67	2.65	184	2.36	113	187	3.05	0.78
			t_U = .54		t = 1.15			t = .61			t = 2.05*			t = .78		
	C	H	7	32.154	127	85.5	22.0	130	1.24	1.52	129	2.38	1.12	129	3.16	0.78
		L	6	28.288	126	84.4	23.6	121	1.58	2.42	123	2.00	1.08	124	3.03	0.68
(C-1 15.1 - 15.15)			t_U = 1.58		t = .38			t = 1.34			t = 2.72**			t = 1.41		
Employment Security Office	V	H	8	34.750	189	86.7	22.1	191	1.28	2.20	190	2.62	1.11	193	3.19	0.70
		L	8	28.500	163	83.6	24.3	166	1.96	2.88	166	2.33	1.17	168	2.96	0.78
			t_U = 1.49		t = 1.24			t = 2.51*			t = 2.42*			t = 2.98**		
	C	H	6	36.167	135	86.2	21.5	133	1.27	1.94	134	2.13	1.07	135	3.03	0.69
		L	7	27.857	118	83.4	24.2	118	1.55	2.08	118	2.27	1.17	118	3.17	0.77
(C-3 25.1 - 25.15)			t_U = .27		t = .98			t = 1.10			t = .92			t = 1.49		

* significant at the .05 level of confidence
** significant at the .01 level of confidence

Table 85. Community Organization Opinions of the School:

Total Number of No Opinions

DATA FORM	GROUP		COMMUNITY SCORES		GRADUATE CRITERION RESULTS											
					SECURITY			PLACEMENT			RELATEDNESS			SATISFACTION		
			SCHOOLS	M	N	M	SD	N	M	SD	N	M	SD	N	M	SD
Employers of 1962 Graduates	V	H	8	9.493	106	89.8	18.7	109	.91	1.66	110	2.87	1.04	113	3.35	0.61
		L	8	6.314	156	87.0	21.0	161	1.60	2.52	159	2.59	1.16	159	3.06	0.73
			t_U = .36		t = 1.09			t = 2.47*			t = 2.05*			t = 3.39**		
	C	H	6	10.825	136	85.4	23.0	135	1.28	1.85	136	2.31	1.10	136	3.09	0.76
		L	7	5.371	117	84.3	22.6	116	1.55	2.18	116	2.06	1.12	117	3.10	0.70
(C-2, 26NO)			t_U = .18		t = .38			t = 1.02			t = 1.79			t = .12		
Potential Employers	V	H	8	8.028	162	89.4	19.0	167	1.33	2.38	169	2.69	1.13	170	3.15	0.72
		L	8	4.626	190	81.7	25.7	190	1.83	2.70	187	2.29	1.13	191	3.02	0.77
			t_U = 1.77		t = -3.16**			t = 1.84			t = -3.35**			t = 1.65		
	C	H	7	10.829	92	85.2	21.3	91	1.53	2.17	91	2.17	1.16	92	3.15	0.73
		L	6	5.864	161	84.8	23.6	160	1.33	1.92	161	2.21	1.10	161	3.07	0.74
(C-2, 26NO)			t_U = .49		t = .12			t = .74			t = .30			t = .77		
Labor Organizations	V	H	8	9.792	154	86.8	21.0	160	1.45	2.41	158	2.49	1.12	161	3.14	0.70
		L	8	3.261	198	84.0	24.7	197	1.71	2.68	198	2.47	1.17	200	3.03	0.78
			t_U = .66		t = 1.12			t = .94			t = .15			t = 1.32		
	C	H	6	9.694	79	85.5	22.1	79	1.54	2.28	77	2.11	1.16	78	3.08	0.72
		L	6	3.056	116	85.1	22.5	117	1.26	1.57	120	2.18	1.11	119	3.10	0.73
(C-4, 35NO)			t_U = .99		t = .13			t = 1.04			t = .37			t = .22		
Community Organizations	V	H	8	8.846	201	89.9	18.6	204	1.06	2.01	208	2.86	1.05	211	3.27	0.67
		L	8	4.614	151	79.0	27.0	153	2.30	3.01	148	1.95	1.06	150	2.82	0.78
			t_U = 1.16		t = -4.44**			t = -4.65**			t = -8.06**			t = -5.81**		
	C	H	7	9.088	140	83.6	24.3	137	1.59	2.43	134	2.20	1.05	136	3.07	0.73
		L	6	6.253	113	86.5	20.7	114	1.18	1.32	118	2.19	1.20	117	3.13	0.74
(C-1, 15NO)			t_U = .35		t = .98			t = 1.59			t = .01			t = .60		
Employment Security Office	V	H	7	3.857	144	84.8	22.7	146	1.60	2.26	143	2.40	1.19	145	3.08	0.73
		L	9	0.333	208	85.5	23.6	211	1.59	2.76	213	2.54	1.11	216	3.08	0.76
			t_U = 1.04		t = .29			t = .07			t = 1.06			t = .07		
	C	H	6	4.000	84	84.8	22.1	81	1.30	1.66	86	2.15	1.16	87	3.14	0.73
		L	7	0.571	169	85.0	23.1	170	1.45	2.16	166	2.22	1.10	166	3.07	0.74
(C-3, 25NO)			t_U = .46		t = .08			t = .55			t = .49			t = .71		

* significant at the .05 level of confidence
** significant at the .01 level of confidence